

Tabla de pagos

Pagos de un préstamo

Calcula los pagos mensuales de un préstamo para distintas combinaciones de capital, tipo de interés y período de amortización

Condiciones

Capital del préstamo

Tipo de interés anual

Período de amortización (años)

Tabla de pagos del préstamo

\$

\$

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20

Tabla de pagos

Mínimo	Máximo	Incremento
100000	200000	5000
0.06	0.08	0.0025
		20

0.06	0.0625	0.065	0.0675	0.07
716.431058478173	730.928202377574	745.5731355151	760.364009763056	775.298935618873
752.252611402081	767.474612496453	782.851792290855	798.382210251209	814.063882399817
788.07416432599	804.021022615331	820.13044906661	836.400410739362	852.82882918076
823.895717249899	840.56743273421	857.409105842365	874.418611227515	891.593775961704
859.717270173807	877.113842853089	894.68776261812	912.436811715667	930.358722742648
895.538823097716	913.660252971967	931.966419393875	950.45501220382	969.123669523591
931.360376021624	950.206663090846	969.24507616963	988.473212691973	1007.88861630454
967.181928945533	986.753073209725	1006.52373294538	1026.49141318013	1046.65356308548
1003.00348186944	1023.2994833286	1043.80238972114	1064.50961366828	1085.41850986642
1038.82503479335	1059.84589344748	1081.0810464969	1102.52781415643	1124.18345664737
1074.64658771726	1096.39230356636	1118.35970327265	1140.54601464458	1162.94840342831
1110.46814064117	1132.93871368524	1155.6383600484	1178.56421513274	1201.71335020925
1146.28969356508	1169.48512380412	1192.91701682416	1216.58241562089	1240.4782969902
1182.11124648899	1206.031533923	1230.19567359991	1254.60061610904	1279.24324377114
1217.93279941289	1242.57794404188	1267.47433037567	1292.6188165972	1318.00819055208
1253.7543523368	1279.12435416075	1304.75298715142	1330.63701708535	1356.77313733303
1289.57590526071	1315.67076427963	1342.03164392718	1368.6552175735	1395.53808411397
1325.39745818462	1352.21717439851	1379.31030070293	1406.67341806165	1434.30303089492
1361.21901110853	1388.76358451739	1416.58895747869	1444.69161854981	1473.06797767586
1397.04056403244	1425.30999463627	1453.86761425444	1482.70981903796	1511.8329244568
1432.86211695635	1461.85640475515	1491.1462710302	1520.72801952611	1550.59787123775

Tabla de pagos

0.0725	0.075	0.0775	0.08
790.375984917673	805.593193551802	820.94856419056	836.440068993466
829.894784163557	845.872853229392	861.995992400088	878.26207244314
869.413583409441	886.152512906982	903.043420609616	920.084075892813
908.932382655324	926.432172584572	944.090848819144	961.906079342486
948.451181901208	966.711832262163	985.138277028672	1003.72808279216
987.969981147092	1006.99149193975	1026.1857052382	1045.55008624183
1027.48878039298	1047.27115161734	1067.23313344773	1087.37208969151
1067.00757963886	1087.55081129493	1108.28056165726	1129.19409314118
1106.52637888474	1127.83047097252	1149.32798986678	1171.01609659085
1146.04517813063	1168.11013065011	1190.37541807631	1212.83810004053
1185.56397737651	1208.3897903277	1231.42284628584	1254.6601034902
1225.08277662239	1248.66945000529	1272.47027449537	1296.48210693987
1264.60157586828	1288.94910968288	1313.5177027049	1338.30411038955
1304.12037511416	1329.22876936047	1354.56513091442	1380.12611383922
1343.63917436004	1369.50842903806	1395.61255912395	1421.94811728889
1383.15797360593	1409.78808871565	1436.65998733348	1463.77012073857
1422.67677285181	1450.06774839324	1477.70741554301	1505.59212418824
1462.1955720977	1490.34740807083	1518.75484375254	1547.41412763791
1501.71437134358	1530.62706774842	1559.80227196206	1589.23613108759
1541.23317058946	1570.90672742601	1600.84970017159	1631.05813453726
1580.75196983535	1611.1863871036	1641.89712838112	1672.88013798693

Variables

%Version1_C 2 : version counter
%Width #NAME? ; Monitor width in pixels
%Custom_Size #NAME? ; Custom size based on look
%CurrentSize #NAME? ; current size

	Width	CustomSize	
%Scrn_Size_	640	85	: Screen size lookup table
	800	100	
	1024	133	
	1152	152	
	1280	170	

%Is_Canada

%Pop_Looku? 1 A:D8
? 2 A:B16
? 3 A:D7

%Lookup_CeA:B16
%Current_Po? 2

µrea de trabajo

up into table

Cadenas

Bold items are referenced to duplicate strings

	Translate this column	Xlat Name	Range Name	Range
	Table Sheet Strings	%CURRENTSIZ	CURRENTSIZ	B:B6..B:B6
<u>RangeNames</u>	<u>Strings</u>	%CURRENT_PC	CURRENT_PC	B:B22..B:B22
T_1	Pagos de un pr,stamo	%CUSTOM_SIZ	CUSTOM_SIZ	B:B5..B:B5
T_2	Condiciones	%IS_CANADA	IS_CANADA	B:B15..B:B15
T_3	Capital del pr,stamo	%LOOKUP_CE	LOOKUP_CE	B:B21..B:B21
T_4	Tipo de inter,s anual	%POP_LOOKU	POP_LOOKU	B:B17..B:C19
T_5	Periodo de amortizaci	%SCRN_SIZE_T	SCRN_SIZE_T	B:B9..B:C13
T_6	Mínimo	%TABLE_RAN	TABLE_RAN	A:A2..A:I14
T_7	Mximo	%VERSION1_CO	VERSION1_CO	B:B3..B:B3
T_8	Incremento	%WIDTH	WIDTH	B:B4..B:B4
T_9	Tabla de pagos del pr,stamo			

Button Strings

<u>RangeNames</u>	<u>Strings</u>
%B_1	Actualizar tabla de pagos

Sheet names must be in order

Sheet Strings

<u>RangeNames</u>	<u>Strings</u>
%S_1	Tabla de pagos
%S_2	µrea de trabajo
%S_3	Cadenas
%S_4	Scripts

Function Strings

<u>RangeNames</u>	<u>Strings</u>
%F_1	pantalla-anchura
%F_2	US Dollar
%F_3	PerCent

Range Strings

<u>RangeNames</u>	<u>Strings</u>
%R_1	%Current_Pop
%R_2	Condiciones pago
%R_3	%Width
%R_4	%Custom_Size
%R_5	%CurrentSize
%R_6	%Scrn_Size_Table
%R_7	%Version1_Count
%R_8	%Lookup_Cell
%R_9	%Data_01
%R_10	%Table_range
%R_11	Sin datos

Cadenas

%R_12	Condiciones pago
%R_13	Original
%R_14	%Is_Canada
%R_15	%Pop_Lookup

FileInfo Strings

RangeNames Strings

%D_1	SmartMasters
%D_2	C lculo de los pagos de un pr,stamo
%D_3	Calcula los pagos mensuales de un pr,stamo para distintas combinaciones de capital,

Pop-up Strings

RangeNames Strings

%P_1	Indique los valores m ximo y m;nimo del pr,stamo, as; como el tipo de inter,s que prev,
%P_2	Localice el pago mensual que considere m s apropiado. Los valores del SmartMaster /
%P_3	Haga clic aqui; para seleccionar la versi#n de los datos. La Ayuda proporciona m s det.

Cadenas

```

# Ranges          10
Counter          11
Current Name     #NAME?
Xlat Name       #NAME?
Current Range    #NAME?

\R              {-- Create ranges based on new range names}
                {FOR K3;1;K2;1;K11}

Loop            {-- Create range name for current cell}
                {CALC}
                /rnd@@(K4){calc}~
                /rnc@@(K5){calc}~@@(K6){calc}~
\U
\W

```

RUN this macro before the one above

```

# Sheets          4
Counter          5
Current Sheet    #NAME?
Cur SheetName   Scripts
Current Range    %s_5

\S              {-- Renames all Sheets}
                {FOR K20;1;K19;1;K28}

Loop            {-- rename sheet}
                {CALC}
                #NAME?
                {IF K22=@@(K23)}{RETURN}
                {SHEET-NAME @@(K23),K22}

\X              {edit-copy d:b2..d:b200}

```

Pseudo-tranlator testing tool; pads all strings by %50 and adds INTL chars

```

\Y              {GOTO}Strings:b5~
\Q              {IF @cellpointer("row")>100}{QUIT}
                {IF @length(@cellpointer("contents"))<3}{Down}{BRANCH}
                {IF @cellpointer("type")="b"}{Down}{BRANCH \Q}
                #NAME?
                #NAME?
                {Down}{BRANCH \Q}

PAD            €□, f,,... †‡^%Š<Œ□Ž□□“”•——~™šœ¾¼P ¡¢£¤¥!$”_«-€□,¡

```


Cadenas

```
Sub Translate
Dim X As Document
Set X = Bind( [],path + [].ShortName )
[Button 1].Text = [%B_1].CellValue
[TextControl 1].IsLocked = 0 : [TextControl 2].IsLocked = 1
[TextControl 1].Text = [%P_1].CellValue
[TextControl 2].Text = [%P_2].CellValue
[TextControl 3].Text = [%P_3].CellValue
[TextControl 1].IsLocked = 1 : [TextControl 2].IsLocked = 0
[%L_R1.Condiciones pago].Name = [%R_12].CellValue
[%L_R1.Sin datos].Name = [%R_11].CellValue
X.Subject = [%D_1].CellValue
X.Title = [%D_2].CellValue
X.Description = [%D_3].CellValue
X.NoDocInfo = FALSE
End Sub
```

tipo de inter,s y periodo de amortizaci#n.

pagar. Indique adem s los incrementos a u

Amortizaci#n de un pr,stamo ofrecen informaci#n relativa al desglose de los pagos.

alles acerca de la utilizaci#n de versiones.

Temp script and macro for conversion from .WK4 to .123

```
\Z      {-- Sets up For Gemini}
        {Create123}

Button script      Sub Create123
                   .NewButton 16400,30000,59000,34000
                   [Button 1].Text = [%B_1].CellValue

PopUp Script      [Image 5].Name = "? 1"
                  [Image 6].Name = "? 2"
                  [Image 7].Name = "? 3"
                  .NewEditControl 11000,3500,85000,10500
                  [TextControl 1].Text = [%P_1].CellValue
                  [TextControl 1].Background.BackColor.ColorIndex = 2
                  [TextControl 1].EdgeLineWidth = $LineWidth2
                  [TextControl 1].TextHorizontalAlign = $AlignCenter
                  [TextControl 1].DesignerFrameStyle = $DesignerFrame2
                  .NewEditControl 55000,23200,95000,29000
                  [TextControl 2].Text = [%P_2].CellValue
                  [TextControl 2].Background.BackColor.ColorIndex = 2
                  [TextControl 2].EdgeLineWidth = $LineWidth2
                  [TextControl 2].TextHorizontalAlign = $AlignCenter
                  [TextControl 2].DesignerFrameStyle = $DesignerFrame2
                  .NewEditControl 55000,93200,95000,100000
                  [TextControl 3].Text = [%P_3].CellValue
                  [TextControl 3].Background.BackColor.ColorIndex = 2
                  [TextControl 3].EdgeLineWidth = $LineWidth2
                  [TextControl 3].TextHorizontalAlign = $AlignCenter
                  [TextControl 3].DesignerFrameStyle = $DesignerFrame2
```

Cadenas

CreateVersion Script	<i>[%L_R1].NewVersion "Sin datos"</i> [A:C7..A:E9].Clear [%L_R1].VersionBorderVisible = True <i>[%L_R1.Original].Name = "Condiciones pago"</i> <i>[%L_R1.Condiciones pago].MakeCurrent</i>
FileInformation Script	{}.Subject = [%D_1].CellValue {}.Title = [%D_2].CellValue {}.Description = [%D_3].CellValue {}.NoDocInfo = FALSE
Outline Script	<i>[Tabla de pagos].RowFolding = \$ParentBefore</i> <i>[Tabla de pagos].RowOutlineVisible = True</i> [A:A6..A:A10].DemoteRow 1 [A:A14..A:A140].DemoteRow 1 {}.PrintWhat = \$None End Sub

Translate all Strings in Strings Sheet.
Run macro W to call Global Sub Translate, \S, \R and \X
Delete all Global Subs
Paste into IDE under Globals.
Cleanup file as you like
Rename from OS as *.12M
Test

Tool to unhide sheets
/whdb:a1..d:a1~

{Translate}
{S}
{R}
{X}

+ \Q}

f,,...††^%Š<Œ□Ž□□“”•——™šœ¾⁄P |Œ£¤¥!\$”_«-€□,f,,...††^%Š<Œ□Ž□□“”•——™šœ¾⁄P |Œ£¤¥!\$”_<

0 : [TextControl 3].IsLocked = 0

1 : [TextControl 3].IsLocked = 1

»

***copy sub create123 to clip and paste to IDE
copy sub Translate to clip and paste to IDE
run macro \z
check all test blocks and buttons for looks
hide and lock text blocks
Set a title horizontal title from A:A5
Delete create123 script from IDE
Run Macro \X to copy scripts to Clip.
Paste into IDE under Globals.
Set up button, image and textblock scripts as per table below
Cleanup file
Hide scripts, strings and WorkArea sheets
test***

Object	Event
Image 1	SM1
Image 2	SM2
Image 3	SM3
Image 4	SM5
? 1	Selected
? 2	Selected
? 3	Selected
Button 1	SM4
TextControl 1	Selected
TextControl 2	Selected

TextControl 3 Selected

<-€□,f„...†‡^%Š<Œ□Ž□□““”•——™šœ¾⁄₄P ¡¢£¤¥¦§¨_<-€□,f„...†‡^%Š<Œ□Ž□□““”•——™šœ¾⁄₄P ¡¢£¤

¥|S" _«¬€□, f,,... †‡^%Š<Œ□Ž□□"''''•——™šœ¼P ¡£¤¥|S" _«¬€□, f,,... †‡^%Š<Œ□Ž□□"''''•——™šœ¼f

» iϕEα¥|S''_«-€□, f,,... †‡^%Š<Œ□Ž□□''''''•——~™šœ¾P iϕEα¥|S''_«-€□, f,,... †‡^%Š<Œ□Ž□□''''''•——~™

šœ¼P ¡£¥!\$“_«¬€□,ƒ„…†‡^%Š<Œ□Ž□□“”•—™šœ¼P ¡£¥!\$“_«¬

Scripts

Script Name	CODE	DESCRIPTION
Assign to Op	Sub Init	
Initialize	<pre> If .AutoExecMacrosEnabled = False Then E or sub Init fo [] .Maximize If .CountryCode = 2 Then [%ls_Canada].Contents = "1" [] .MacrorunText "{r 7}~{r}~{r}~" End Sub </pre>	
Print	<pre> Sub SM1 [E7].Select .ShowAutomaticPageBreaks=False Set .CurrentPrintSettings.PrintRange = [%Table_range] ; Prints spreadsheet page .CurrentPrintSettings.PrintWhat = \$CurrentSelection .CurrentPrintSettings.FooterCenter = "" ; set print options .CurrentPrintSettings.Orientation = \$Portrait .CurrentPrintSettings.FitToPage = \$FitRowsAndColumns .CurrentPrintSettings.LeftMargin = 1080 .CurrentPrintSettings.TopMargin = 1080 ; call routine to set all backgr .CurrentPrintSettings.RightMargin = 1080 ; call print dialog .CurrentPrintSettings.BottomMargin = 1080 ; restore background colors [] .ShowDrawLayer = False [] .ShowVersionBorders = False ; turn off display of VM fames CurrentApplication.Print ; Print [] .ShowDrawLayer = True [] .ShowVersionBorders = True ; turn on display of VM fames End Sub </pre>	
Help	<pre> Sub SM3 [E7].Select [] .HelpContents End Sub </pre>	
Send Results	<pre> Sub SM2 [E7].Select [] .ShowDrawLayer = False [] .ShowVersionBorders = False [%Table_range].CopyToClipboard \$BitMapFormat [] .SendMail , , "Pagos de un pr,stamo" , , , \$Clipboard [] .ShowDrawLayer = True [] .ShowVersionBorders = True End Sub </pre>	

Scripts

```

TextBlock Sub Select_H
Scripts Dim X As String ; to hold popup number
Generic Select Dim A As EditText ;edit object
Dim CS as Range ; for range object for selectin
X = Right$( Cstr( .Name), 1) ; the number of the object

[%Current_Pop].Contents = "? " + X ; enter popup name into cell
[%Lookup_Cell].RecalcRange $Columns ; recalc cell
Set CS = Bind( [%Lookup_Cell].CellValue) ; bind cell ref to range object
CS.Select ; finally select the object

Set A = Bind ("TextControl " + X) ; set textcontrol object name
A.IsLocked = False ; unlock it either way
If A.Visible = True Then ; if visible
A.Visible = False ; make invisible

Else ; else
A.Visible = True ; make it visible
End If
A.IsLocked = True
End Sub

```

```

Generic DeSeSub DeSelect_H If they click the TextBlock then deselect it and hide it.
Dim X As String
Dim A As EditText
Dim CS as Range
X = Right$( Cstr( .Name), 1)
Set A = Bind (.Name)

[%Current_Pop].Contents = "? " + X
[%Lookup_Cell].RecalcRange $Columns
Set CS = Bind( [%Lookup_Cell].CellValue)
CS.Select

A.IsLocked = False
A.Visible = False
A.IsLocked = True
End Sub

```

```

NewTable Sub SM5
CurrentApplication.UpdateSheetDisplay = False
Dim TableRange As Range
Dim LL As String
Dim UR As String

```

Scripts

```
[B16].Select
.MoveCellPointer $EndDown, 1
LL = .Name
[B16].Select
.MoveCellPointer $EndRight, 1
UR = .Name
Set TableRange = Bind( LL + ".." + UR)
TableRange.Cut
[B12].QuickCopy [B16]
[B17..B8192].Select
.RangeFill [D9].CellValue, [F9].CellValue, [E9].CellValue, $Number
[B17].Select
.MoveCellPointer $EndDown, 1
LL = .Name
Set TableRange = Bind( "B17" + ".." + LL)
TableRange.FormatName = "US Dollar"
TableRange.FormatDecimals = 0
TableRange.RightBorder.Style = $SolidBorder
TableRange.GridBorder.Color.ColorName = "50% gray"
TableRange.Font.Bold = True
[A:C16..A:IV16].Select
.RangeFill [D10].CellValue, [F10].CellValue, [E10].CellValue, $Number
[C16].Select
.MoveCellPointer $EndRight, 1
UR = .Name
Set TableRange = Bind( "C16" + ".." + UR)
TableRange.FormatName = "PerCent"
TableRange.FormatDecimals = 2
TableRange.BottomBorder.Style = $SolidBorder
TableRange.TextHorizontalAlign = $AlignRight
TableRange.GridBorder.Color.ColorName = "50% gray"
TableRange.Font.Bold = True
Set TableRange = Bind( LL + ".." + UR)
[].WhatIfTable2 TableRange, [B14], [C14]
TableRange.TextSize = 10
[C17].Select
.MoveCellPointer $EndHome, 1
Set TableRange = Bind ( "C17.." & .Name)
TableRange.FormatName = "US Dollar"
TableRange.FormatDecimals = 2
TableRange.TextHorizontalAlign = $AlignRight
.MoveCellPointer $EndHome, 1
Set TableRange = Bind ( "B2.." & .Name)
.CreateRangeName "%Table_range", TableRange
.MoveCellPointer $Home, 1
CurrentApplication.UpdateSheetDisplay = True
End Sub
```

Scripts

Exit Sub

ound to white

3

3

Scripts

g cell