

```

// zobrazte prùnik jehlanu ABCU s jehlanem DEFV

#vloz "zakladni.dk"

car (c) {
    videt(c, vse, 1, ?, ?, 1, 1);
    vrat c;
}

hlavni () {
    A = bod(-1,0,0);
    B = bod(-6,4,0);
    C = bod(-7.5,1,0);
    U = bod(2,8,4);
    AU = usecka(A,U);
    BU = usecka(B,U);
    CU = usecka(C,U);
    AB = car(usecka(A,B));
    BC = usecka(B,C);
    CA = usecka(C,A);
    D = bod(6.5,1,0);
    E = bod(4,7,0);
    F = bod(0,2.5,0);
    V = bod(-6,9,8);
    DV = usecka(D,V);
    EV = usecka(E,V);
    FV = usecka(F,V);
    DE = usecka(D,E);
    EF = car(usecka(E,F));
    FD = usecka(F,D);
    UV = primka(U,V);
    P = p(Pi, UV);

    ABCU = AB; ABCU = BC; ABCU = CA; ABCU = AU; ABCU = BU; ABCU = CU;
    DEFV = DE; DEFV = EF; DEFV = FD; DEFV = DV; DEFV = EV; DEFV = FV;
    barva(ABCU, "cervena");
    barva(DEFV, "modra");

    R = p(rovina(E,F,V), primka(C,U)); //0
    R = p(rovina(E,D,V), primka(C,U)); //1
    R = p(rovina(D,F,V), primka(A,U)); //2
    R = p(rovina(E,D,V), primka(A,U)); //3
    R = p(rovina(E,F,V), primka(B,U)); //4
    R = p(rovina(E,D,V), primka(B,U)); //5
    R = p(rovina(A,B,U), primka(F,V)); //6
    R = p(rovina(A,C,U), primka(F,V)); //7

    videt(R, vse, 0);

    r = car(usecka(R:2, R:6));
    r = car(usecka(R:6, R:4));
    r = car(usecka(R:4, R:0));
    r = car(usecka(R:0, R:7));
    r = usecka(R:7, R:2);

    r = usecka(R:1, R:3);
    r = car(usecka(R:3, R:5));
    r = usecka(R:5, R:1);

    h1 = usecka(C, p(CU.1, FV.1));
    h1 = CA;
}

```

```
h1 = usecka(R:2, R:7);
h1 = usecka(A, R:2);
h1 = usecka(C, B);
h1 = usecka(B, p(BU.1, FV.1));
h1 = usecka(U, R:5);
h1 = usecka(U, R:1);
h1 = usecka(U, R:3);
h1 = usecka(R:1, R:3);
h1 = usecka(R:1, R:5);

videt(h1, 2, 0); //nárys schováme
videt(h1, 1, 1, ?, ?, 2, 0); //ukážete půdorys silně
barva(h1, "cervena"); //...a červeně

h2 = DV;
h2 = FD;
h2 = DE;
h2 = usecka(V, R:7);
h2 = usecka(V, p(EV.1, BU.1));
h2 = usecka(E, p(EV.1, AU.1));

videt(h2, 2, 0); //nárys schováme
videt(h2, 1, 1, ?, ?, 2, 0); //ukážete půdorys silně
barva(h2, "modra");
}
```