

```
Program strelka1;
{
    Задача. Нарисовать на экране стрелку:
        -->
    и клавишами "стрелка вверх", "стрелка вниз",
        "стрелка налево", "стрелка направо"
    управлять движением по экрану этой нарисованной стрелки.

    Решение. Сергей Митрофанов,
        25.05.02, 20:48
        26.05.02, 23:36
}
```

```
Uses Crt;
```

```
Var
```

```
14     cod { код клавиши }
15     : char;
```

```
16     x, y
17     : integer;
```

```
Procedure strelka;
```

```
19     begin
20         Write ('-->');
21         GotoXY (x, y);
22     end;
```

```
Procedure napravo;
```

```
24     begin
25         if x > 80 - 3
26             then
27                 x := 0;
28                 Sound (1000);
29                 DeLay (200);
30                 NoSound;
31                 Inc (x);
32                 GotoXY (x, y);
33                 strelka;
34     end;
```

```
Procedure nalevo;
```

```
36     begin
37         if x < 3
38             then
39                 x := 2;
40                 Sound (5000);
41                 DeLay (200);
42                 NoSound;
```

```
43     x := x - 1;
44     GotoXY (x, y);
45     strelka;

46     end;
```

```
Procedure vverch;
48     begin
49         if y <= 1
50             then
51                 y := 2;
52                 Sound (7000);
53                 DeLay (200);
54                 NoSound;
55                 y := y - 1;
56                 GotoXY (x, y);
57                 strelka;
58     end;
```

```
Procedure vniz;
60     begin
61         if y > 24
62             then
63                 y := 0;
64                 Sound (8000);
65                 DeLay (200);
66                 NoSound;
67                 y := y + 1;
68                 GotoXY (x, y);
69                 strelka;
70     end;
```

```
Begin
72     ClrScr;

73     x := 1;
74     y := 1;
75     strelka;

76     cod := ' ';
77     while Ord (cod) <> 27 do
78         begin
79             cod := ReadKey;

80             if Ord (cod) = 0
81                 then
82                     begin
83                         ClrScr;
84                         cod := ReadKey;
85                         case Ord (cod) of
```

```
86             77: napravo;  
87             75: nalevo;  
88             72: vverch;  
89             80: vniz;  
90             end;  
91         end;  
92     end;
```

End.

Sergey Mitrofanov, 31.08.13

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