

C:\Users\ANUBHAV TOMAR\OneDrive\Desktop\avantika tomar project - Dev-C++ 5.11

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(globals)

Project Classes Debug avantika tomar project.c

```
1 #include<stdio.h>
2 #include<stdlib.h>
3 #include<conio.h>
4 int width=20,height=20,gameover;
5 int x,y,fruitX,fruitY,score,flag;
6 void setup()
7 {
8     gameover=0;
9     x=width/2;
10    y=height/2;
11
12    label1:
13    fruitX=rand()%20;
14    if(fruitX==0)
15        goto label1;
16    label2:
17    fruitY=rand()%20;
18    if(fruitY==0)
19        goto label2;
20    score=0;
21 }
22 void draw()
23 {
24     int i,j;
25     system("cls");
26     for(i=0;i<width;i++)
27     {
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Processing C source file...

C Compiler: C:\Program Files (x86)\Dev-Cpp\MinGW64\bin\gcc.exe

Command: gcc.exe "C:\Users\ANUBHAV TOMAR\OneDrive\Desktop\avantika tomar project.c" -o "C:\Users\ANUBHAV TOMAR\OneDrive\Desktop\avantika tomar project.exe" -I"C:\Pro

Compilation results...

Line: 122 Col: 17 Sel: 0 Lines: 130 Length: 2174 Insert Done parsing in 0.078 seconds

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(globals)

Project Classes Debug avantika tomar project.c

```
22 void draw()
23 {
24     int i,j;
25     system("cls");
26     for(i=0;i<width;i++)
27     {
28         for(j=0;j<height;j++)
29         {
30             if(i==0||i==height-1||j==0||j==width-1)
31             {
32                 printf("**");
33             }
34             else
35             {
36                 if(i==x && j==y)
37                     printf("0");
38                 else if(i==fruitX && j==fruitY)
39                     printf("F");
40                 else
41                     printf(" ");
42             }
43         }
44         printf("\n");
45     }
46 }
47 }
48 }
```

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Project Classes Debug

```
43 | }
44 |
45 | }
46 | printf("\n");
47 | }
48 |
49 | void input()
50 | {
51 |
52 | if(kbhit())
53 | {
54 |
55 |     switch(getch())
56 |     {
57 |
58 |     case 'a': //down
59 |         flag=1;
60 |         break;
61 |     case 's':
62 |         flag=2;
63 |         break;
64 |     case 'w':
65 |         flag=3;
66 |         break;
67 |     case 'z':
68 |         flag=4;
69 |         break;
```

Compiler Resources Compile Log Debug Find Results Close

Processing C source file...

Shorten compiler paths

Compiler Name: TDM-GCC 4.9.2 64-bit Release

C Compiler: C:\Program Files (x86)\Dev-Cpp\MinGW64\bin\gcc.exe

Command: gcc.exe "C:\Users\ANUBHAV TOMAR\OneDrive\Desktop\avantika tomar project.c" -o "C:\Users\ANUBHAV TOMAR\OneDrive\Desktop\avantika tomar project.exe" -I"C:\Pro

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Project Classes Debug

```
67 |     case 'z':
68 |         flag=4;
69 |         break;
70 |     case 'x':
71 |         gameover=1;
72 |         break;
73 |     }
74 | }
75 |
76 | void MakeLogic()
77 | {
78 |     switch(flag)
79 |     {
80 |
81 |     case 1:
82 |         y--;
83 |         break;
84 |     case 2:
85 |         y++;
86 |         break;
87 |     case 3:
88 |         x--;
89 |         break;
90 |     case 4:
91 |         x++;
92 |         break;
93 | }
```

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Processing C source file...

Shorten compiler paths

Compiler Name: TDM-GCC 4.9.2 64-bit Release

C Compiler: C:\Program Files (x86)\Dev-Cpp\MinGW64\bin\gcc.exe

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```
92         x++;
93         break;
94     default:
95         break;
96
97     }
98     if(x<0||x>width||y<0||y>height)
99         gameover=1;
100     if(x==fruitX && y==fruitY)
101     {
102         label3:
103         fruitX=rand()%20;
104         if(fruitX==0)
105             goto label3;
106         label4:
107         fruitY=rand()%20;
108         if(fruitY==0)
109             goto label4;
110         score+=10;
111     }
112 }
113
114 int main()
115 {
116     int m,n;
117     setup();
118     while(!gameover)
```

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Project Classes Debug

```
104         if(fruitX==0)
105             goto label3;
106         label4:
107         fruitY=rand()%20;
108         if(fruitY==0)
109             goto label4;
110         score+=10;
111     }
112 }
113
114 int main()
115 {
116     int m,n;
117     setup();
118     while(!gameover)
119     {
120         draw();
121         input();
122         MakeLogic();
123         for(m=0;m<1000;m++){
124             for(n=0;n<10000;n++){
125
126             }
127         }
128     }
129     return 0;
130 }
```

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