mid point.cpp - Code::Blocks 20.03

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<global> main() : int

Start here | mid point.cpp

```
1  #include <bits/stdc++.h>
2  #include<graphics.h>
3  #include<stdio.h>
4
5  using namespace std;
6
7
8  int main()
9  {
10
11     int gd = DETECT , gm;
12     initgraph(&gd,&gm,"");
13
14     int x , y , x1 , y1 , r;
15     cin >> x1 >> y1 >> r;
16
17     x = 0;
18     y = r;
19
20     int p = 1 - r;
21
```

D:\10th semester all\10th-semester-all\sub_computer graphics\coding\acade... | C/C++ | Windows (CR+LF) | WINDOWS-1252 | Line 14, Col 29, Pos 197 | Insert | Read/Write | default

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<global>

Start here | mid point.cpp

```
22  //putpixel(x1,y1,WHITE);
23
24  while(x < y)
25  {
26      if(p >= 0)
27      {
28          x++;
29          y--;
30          p = p + 2 * x + 1 - 2 * y;
31      }
32      else
33      {
34          x++;
35          p = p + 2 * x + 1;
36      }
37      //x++;
38       putpixel(x+x1,y+y1,WHITE);
39       cout << x << " \t" << y << endl;
40      putpixel(y+y1,x+x1,WHITE);
41       cout << x << " \t" << y << endl;
42
```

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<global> main() : int

Start here | mid point.cpp

```
43          putpixel(x1-x,y1-y,WHITE);
44          cout << x << " \t" << y << endl;
45         putpixel(y1-y,x1-x,WHITE);
46          cout << x << " \t" << y << endl;
47
48          putpixel(x1+x,y1-y,WHITE);
49          cout << x << " \t" << y << endl;
50         putpixel(y1+y,x1-x,WHITE);
51          cout << x << " \t" << y << endl;
52
53          putpixel(x1-x,y1+y,WHITE);
54          cout << x << " \t" << y << endl;
55         putpixel(y1-y,x1+x,WHITE);
56          cout << x << " \t" << y << endl;
57
58      }
59
60       getch();
61
62      closegraph();
63
```

D:\10th semester all\10th-semester-all\sub_computer graphics\coding\acade... C/C++ Windows (CR+LF) WINDOWS-1252 Line 33, Col 10, Pos 474 Insert Read/Write default

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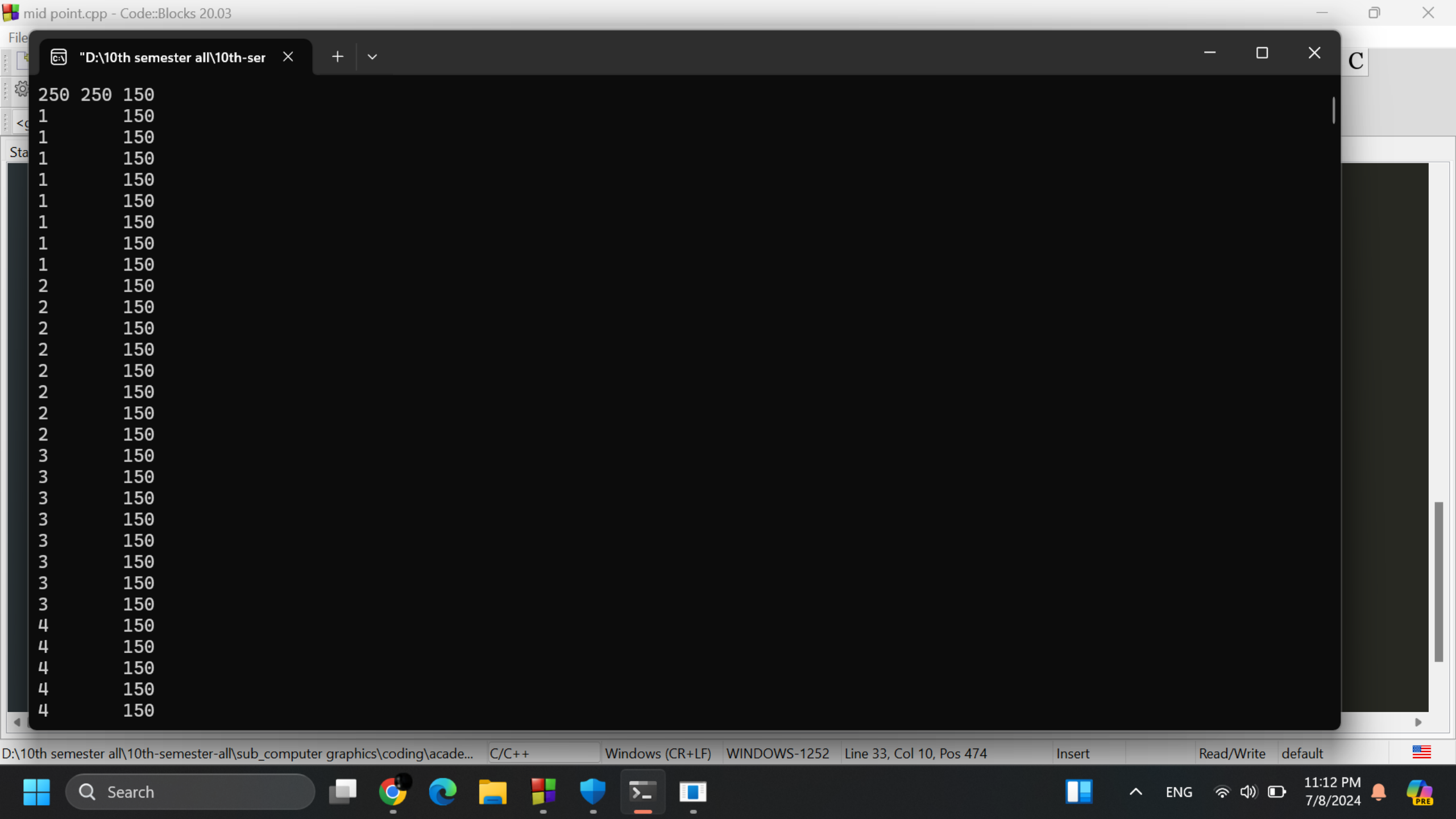
mid point.cpp - Code::Blocks 20.03
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7/8/2024

mid point.cpp - Code::Blocks 20.03

"D:\10th semester all\10th-ser

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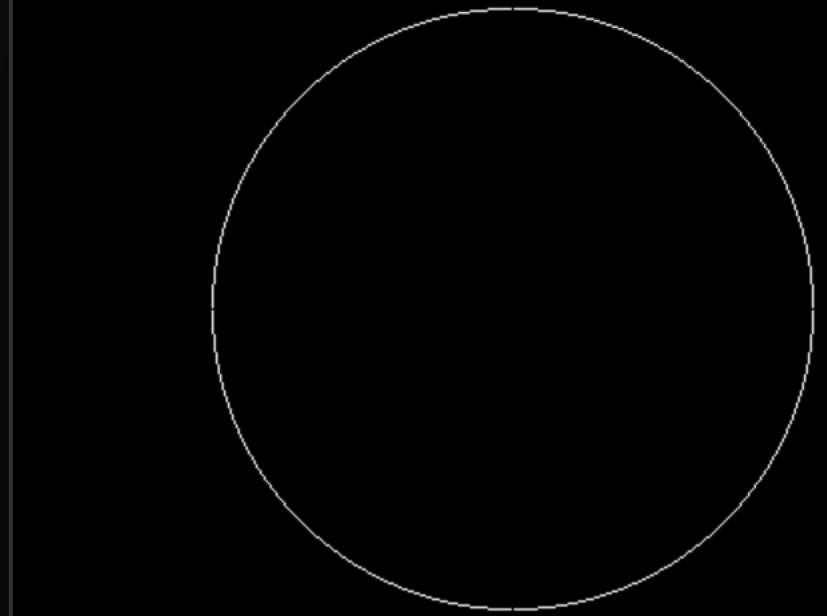
```

Windows BGI



D:\10th semester all\10th-semester-all\sub_computer graphics\coding\acade... | C/C++ | Windows (CR+LF) | WINDOWS-1252 | Line 33, Col 10, Pos 474 | Insert | Read/Write | default

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