## Task: Create a circle using free glut library:

```
⊟#else
     #include <GL/glut.h>
      #endif
     □#include <iostream>
      #include <math.h>
      #define PI 3.142857
      void myInit();
      void renderCircle();
     □int main(int argc, char** argv)
11
12
13
          // initialising glut
          glutInit(&argc, argv);
          // specifying window position. Used -1 for parameters to let windows manage position
          glutInitWindowPosition(100, 100);
16
17
          // specifying window size
          glutInitWindowSize(1366, 768);
18
          // specifying display mode
          glutInitDisplayMode(GLUT_DEPTH | GLUT_DOUBLE | GLUT_RGBA);
20
21
          // creating window
          glutCreateWindow("Circle with OpenGL");
22
          myInit();
          // register callbacks
24
          glutDisplayFunc(renderCircle);
25
          // enter GLUT event processing cycle
26
          glutMainLoop();
27
          return EXIT_SUCCESS;
28
29
```

## **Output:**

