1. */\**
2. *Calculate Circle Area using Java Example*
3. *This Calculate Circle Area using Java Example shows how to calculate*
4. *area of circle using it's radius.*
5. *\*/*
7. **import** java.io.BufferedReader;
8. **import** java.io.IOException;
9. **import** java.io.InputStreamReader;
11. **public** **class** CalculateCircleAreaExample {
13. **public** **static** **void** main(String[] args) {
15. **int** radius = 0;
16. System.out.println("Please enter radius of a circle");
18. **try**
19. {
20. *//get the radius from console*
21. BufferedReader br = **new** BufferedReader(**new**InputStreamReader(System.in));
22. radius = Integer.parseInt(br.readLine());
23. }
24. *//if invalid value was entered*
25. **catch**(NumberFormatException ne)
26. {
27. System.out.println("Invalid radius value" + ne);
28. System.exit(0);
29. }
30. **catch**(IOException ioe)
31. {
32. System.out.println("IO Error :" + ioe);
33. System.exit(0);
34. }
36. */\**
37. *\* Area of a circle is*
38. *\* pi \* r \* r*
39. *\* where r is a radius of a circle.*
40. *\*/*
42. *//NOTE : use Math.PI constant to get value of pi*
43. **double** area = Math.PI \* radius \* radius;
45. System.out.println("Area of a circle is " + area);
46. }
47. }
49. */\**
50. *Output of Calculate Circle Area using Java Example would be*
51. *Please enter radius of a circle*
52. *19*
53. *Area of a circle is 1134.1149479459152*
54. *\*/*