

```
1 package Chapter02;
2
3 import java.util.Scanner;
4
5 public class Exercise24 {
6
7     public static void main(String[] args) {
8         Scanner scanner = new Scanner(System.in);
9
10        System.out.println("원기둥의 반지름을 입력하시오.(단위:
cm): ");
11        double radius = scanner.nextDouble();
12
13        System.out.println("원기둥의 높이를 입력하시오.(단위:
cm): ");
14        double height = scanner.nextDouble();
15
16        double pie =
3.141592653589793238462643383279502884197169399375105820974944;
17        double result = radius * radius * pie;
18        double result2 = result * height;
19
20        System.out.println("원기둥의 밑변의 넓이는 " + result +
"이고, 부피는" + result2 + "cm²이다");
21
22    }
23
24 }
25
```