```java
 1 package chapter02.exercise;
 2
 3 import java.util.Scanner;
 4
 5 public class Exercise24 {
 6     public static void main(String[] args) {
 7         Scanner scanner = new Scanner(System.in);
 8
 9         System.out.print("원기둥 밑변의 반지름을 입력하시오.(단위: cm): ");
10         double underHalf = scanner.nextDouble();
11         System.out.print("원기둥의 높이를 입력하시오.(단위: cm): ");
12         double height = scanner.nextDouble();
13         double pi = Math.PI;
14
15         double underArea = (double)(pi*underHalf*underHalf);
16         System.out.print("원기둥 밑변의 넓이는 " + underArea + "cm²이고, ");
17         double volume = underArea*height;
18         System.out.println("원기둥의 부피는 "+ volume + "cm³이다.");
19     }
20 }
```