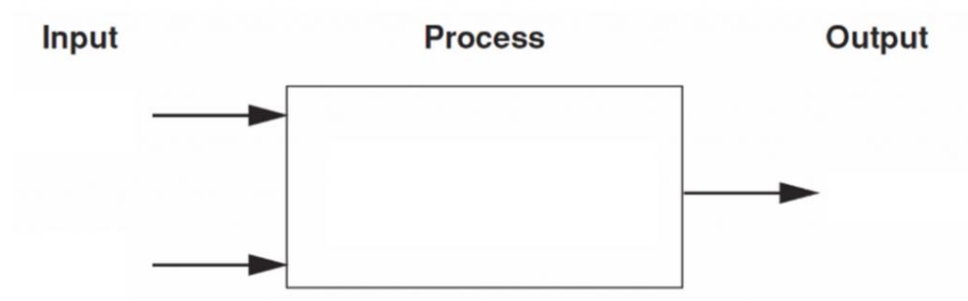


# Exercise 1

FIND THE INPUT , PROCESS, AND OUTPUT FOR EACH OF THE FOLLOWING:

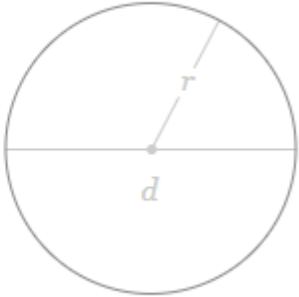


PART A) This program prints the area of a circle

### Area of a circle

$$A = \pi r^2$$

Radius



Part B) A program that displays 5% of the amount the user has in his account (e.g. if the amount is \$100 then 5% of the amount = 5)

Part C) A program that multiplies a number with the same number squared (e.g. if the number is 5, then our result will equal to 5\*25)

# Exercise 2

Start a new project in NetBeans or any IDE

Project Name: Lab1

- 1) Declare the following variables " age (of type integer) , salary (of type float)
- 2) Assign the values: 29 for the variable age, and 1500 for salary
- 3) Print the following: "MY SALARY IS" + salary
- 4) Calculate the birth date (which should be 1991, because we are in 2020)
- 5) Display the birth date with a message on the same line >> " WE LOVE JAVA" (so the output is: 1991 WE LOVE JAVA)

OUTCOMES:

1. INTRODUCING THE FOLLOWING CONCEPTS: INPUT/ PROCESS /OUTPUT
2. DEALING WITH VARIABLES (DECLARING, INITIALIZING, AND ASSIGNING VALUES)
3. DISPLAYING OUTPUT ON THE SCREEN
4. DEALING WITH DIFFERENT EQUATIONS