Lab 1   Java Fundamentals

977-210   Object-Oriented Programming

Objective: Write the basic programs using java syntax and running the program correctly.

*Comment your Student ID and Name in the code.

**Submit the code and output screen in pdf file in MS Teams.

1. Write a program to calculate area of a circle and sphere volume

    a. Declare the constant PI = 3.1416.

    b. Declare variable radius and assign value.

    c. Calculate area and volume of the circle and sphere with the radius.

    d. Print the area and volume on screen.

2. Write a program to get inputs from keyboard, store them in variables, and print the values on screen

    a. Write a program to get student ID, name, year of study, and height(metre) from keyboard.

    b. Print student data on the screen.

```
Enter ID: 6520215666

Enter name: John Smith

Enter year of study: 2

Enter height(m): 1.80

*** Student Data ***

id: 6520215666

Name: John Smith

Year: 2

Height: 1.8
```