

Anas Jamil
100864684
Tutorial # 5
SOFE 2710U Object Oriented Programming and Design
FALL 2020

```
import java.util.Scanner;
public class tut5_1{
    public static void main(String[] args){

        Scanner scan = new Scanner(System.in);

        int n1 = scan.nextInt();
        int n2 = scan.nextInt();

        float averagel = average(n1, n2);
        System.out.println(averagel);

        int n3 = scan.nextInt();

        float average2 = average(n1,n2,n3);
        System.out.println(average2);

    }
    public static float average(int n1, int n2) {

        return (float) (n1+n2)/2;
    }
    public static float average(int n1,int n2,int n3){

        return (float) (n1+n2+n3)/2;
    }
}
```

```
10
20
15.0
50
40.0
```

```
PS C:\Users\anasj\OneDrive\Desktop\js\tut5> █
```

```

import java.util.Scanner;
public class tut5_4
{
    public static void askQuestions(Question a)
    {
        System.out.print(a.getQuestion());
        System.out.println(" (Level: " + a.getComplexity() + ")");

        Scanner scan = new Scanner(System.in);
        String possible = scan.nextLine();

        if (a.answerCorrect(possible))
            System.out.println("Answer is correct!");
        else
            System.out.println("The answer is incorrect! The correct answer is: " +
a.getAnswer());
    }
    public static void main(String[] args)
    {
        Question q1, q2;

        q1 = new Question("What is the capital of Jamaica?",
            "Kingston");
        q1.setComplexity(4);

        q2 = new Question("Which is worse, ignorance or apathy?",
            "I don't know and I don't care");

        q2.setComplexity(10);

        askQuestions(q1);
        askQuestions(q2);
    }
}

```

```

C:\Users\anasj\OneDrive\Desktop\js\tut5> java tut5_4
What is the capital of Jamaica? (Level: 4)
Kingston
Answer is correct!
Which is worse, ignorance or apathy? (Level: 10)
apathy
The answer is incorrect! The correct answer is: I don't know and I don't care
PS C:\Users\anasj\OneDrive\Desktop\js\tut5> 

```