

```
1 // Muhammad_Shahzeb(0047)
2 class Hello {
3     public static void main (String[] args){
4         System.out.print("Hello World");
5     }
6 }
```

```
1 //task1 Muhammad_Shahzeb(0047)
2 class Hello2{
3     public static void main(String[] args){
4         System.out.println("//////////");
5         System.out.println("Students points **");
6         System.out.println("//////////");
7         System.out.println("Lab    Bonus    Total");
8         System.out.println("---    ---    ---");
9         System.out.println("43      7      58");
10        System.out.println("39     10     49");
11    }
12
13 }
```

C:\Users\ESHOP\Desktop\2nd_semester\OOP\Hello3.java • - Sublime Text (UNREGISTERED)

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Hello.java Hello2.java Hello3.java Hello4.java Hello5.java Hello6.java Hello7.java volume.java distance.java Cal.java

```
1 //task2
2 class Hello3 {
3     public static void main (String[] args){
4         System.out.println("8 plus 5 is " + (8 + 5));
5     }
6
7
8
9 }
```

Line 9, Column 2

Tab Size: 4

Java

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```
1 //task3
2 class Hello4{
3     public static void main (String[] args){
4         String name = "Shahzaib";
5         System.out.println("Name : " + name);
6         int age = 19;
7         System.out.println("Age : " + age);
8
9         char grade = 'A';
10        System.out.println("Grade : " + grade);
11        double point = 7.8;
12        System.out.println("Points : " + point);
13
14        double cgp= 3.65;
15        System.out.println("CGP : " + cgp);
16        char gender='M';
17        System.out.println("Gender : " + gender);
18        Boolean foreigner=false;
19        System.out.println("Foreigner : " + foreigner);
20    }
21 }
```

```
1 //task4 Muhammad_Shahzeb(0047)
2 class Hello5{
3     public static void main (String[] args){
4         System.out.print((10+5)*(4-6)/4);
5     }
6 }
```

```
1 //task5 Muhammad_Shahzeb(0047)
2 class Hello6 {
3     public static void main (String[] args){
4         System.out.print("*****\n*\t*\n*\t*\n*\t*\n*****");
5     }
6 }
```

```
1 //task6 Muhammad_Shahzeb(0047)
2 import java.util.Scanner;
3 class Hello7{
4     public static void main (String[] args){
5         Scanner scanner = new Scanner(System.in);
6
7         System.out.print("USD : ");
8         double USD = scanner.nextDouble();
9         int PKR = 280;
10        System.out.println("The conversion of USD into PKR : " + (USD * PKR));
11
12
13
14
15
16
17
18    }
19 }
```



```
1 //task7 Muhammad_Shahzeb(0047)
2 import java.util.Scanner;
3 public class volume {
4
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner(System.in);
7
8         System.out.print("Enter the radius of the cylinder: ");
9         double radius = scanner.nextDouble();
10
11        System.out.print("Enter the height of the cylinder: ");
12        double height = scanner.nextDouble();
13        double pie= 3.14;
14        double volume = pie*radius*radius*height;
15        System.out.println("The volume of the cylinder is: " + volume);
16
17        scanner.close();
18    }
19 }
```



```
1 //task8 Muhammad_Shahzeb(0047)
2 import java.util.Scanner;
3 public class distance {
4
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner(System.in);
7
8         System.out.print("Enter the distane in miles : ");
9         double mile = scanner.nextDouble();
10
11         double Km = mile * 1.60934;
12
13         System.out.print("The distane after coversion into miles into km : " + Km );
14
15         scanner.close();
16     }
17 }
```

Hello.java • Hello2.java • Hello3.java • Hello4.java • Hello5.java • Hello6.java • Hello7.java • volume.java • distance.java • Cal.java

```
1 //task9
2 import java.util.Scanner;
3 public class Cal {
4
5     public static void main(String[] args) {
6         Scanner operation = new Scanner(System.in);
7
8         int num1=76;
9         System.out.println("Number 1 : " + num1);
10
11        int num2=23;
12        System.out.println("Number 2 : " + num2);
13
14        System.out.println("1. Add");
15        System.out.println("2. Subtract");
16        System.out.println("3. Multiply");
17        System.out.println("4. Divide");
18        System.out.print("Choose an action (1-4): ");
19        int choice = operation.nextInt();
20
21        int result = 0;
22
23        switch (choice) {
24            case 1:
25                result = num1+num2;
26                break;
27            case 2:
28                result = num1-num2;
29                break;
30            case 3:
31                result = num1*num2;
32                break;
33            case 4:
34                result= num1/num2;
35                break;
36            default:
37                System.out.println("Invalid choice");
38                return;
39        }
40
41        System.out.println("Result : " + result);
42    }
43 }
44 }
```