



***JAVA SE**
FUNDAMENTALS*

ASSIGNMENT - 1

SUBMITTED BY:

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B.C.A -I.O.T.

Assinment - I

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```
1) import java.util.Scanner;
public class gretestnum
{
    public static void main (String arg[]) {
        Scanner in = new Scanner(System.in);
        System.out.print ("Enter First Number:");
        int a = in.nextInt();
        System.out.print ("Enter next Number:");
        int b = in.nextInt();
        System.out.print ("Enter next number:-");
        int c = in.nextInt();

        int g = Math.max(a, b);
        int g = Math.max(g, c);
        System.out.println ("Greatest Number = " + g);
    }
}
```

Select C:\Windows\System32\cmd.exe

C:\Users\jhaay\Desktop\java>javac java.java

C:\Users\jhaay\Desktop\java>java java

Enter First Number: 5

Enter Second Number: 4

Enter Third Number: -1

Greatest Number = 5

C:\Users\jhaay\Desktop\java>_

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Q2)

```
import java.util.Scanner;
public class Sum of add and even {
    public static void main (String[] args)
    {
        int n, sumE = 0, sumO = 0;
        Scanner s = new Scanner(System.in);
        System.out.print("Enter the number:");
        n = s.nextInt();
        for (int i = 0; i <= n; i++) {
            if (i % 2 == 0)
            {
                sumE = sumE + i;
            }
            else {
                sumO = sumO + i;
            }
        }
        System.out.println("Sum of Even Numbers: " + sumE);
        System.out.println("Sum of Odd Numbers: " + sumO);
    }
}
```

```
C:\Windows\System32\cmd.exe
C:\Users\jhaay\Desktop\java>javac java.java
C:\Users\jhaay\Desktop\java>java java
Enter the number :5
Sum of Even Numbers:6
Sum of Odd Numbers:9
C:\Users\jhaay\Desktop\java>
```

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```
3) import java.util.Arrays;
    public class Exercise1 {
        public static void main (String[] args) {
            int[] my_array1 = { Random numbers };
            String[] my_array2 = { Random string };
            Array.sort (my_array1);
            System.out.println ("Sorted numbers :-" +
                                Array.toString (my_array1));
            Array.sort (my_array2);
            System.out.println ("Sorted string :-" +
                                Array.toString (my_array2));
        }
    }
```

```
C:\Windows\System32\cmd.exe
C:\Users\jhaay\Desktop\java>javac java.java
C:\Users\jhaay\Desktop\java>java java
Original numeric array : [1789, 2035, 1899, 1456, 2013, 1458, 2458, 1254, 1472, 2365, 1456, 2165, 1457, 2456]
Sorted numeric array : [1254, 1456, 1456, 1457, 1458, 1472, 1789, 1899, 2013, 2035, 2165, 2365, 2456, 2458]
Original string array : [Java, Python, PHP, C#, C Programming, C++]
Sorted string array : [C Programming, C#, C++, Java, PHP, Python]
C:\Users\jhaay\Desktop\java>
```

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Q4) Public class Exercise {

public static void main (String[] args)
{ Scanner sc = ^{New} Scanner (System.in)

String str1 = sc.nextLine();

String str2 = sc.nextLine();

String str3 = str1.concat(str2);

String
System.out.println("The concatenated
string : " + str3;

}

```
Select C:\Windows\System32\cmd.exe
C:\Users\jhaay\Desktop\java>javac java.java
C:\Users\jhaay\Desktop\java>java java
Enter the String 1
Ayush
Enter the String 2
Kumar jha
The concatenated string: AyushKumar jha
C:\Users\jhaay\Desktop\java>
```