

1)Take three numbers from the user and print the greatest number.

example:

input : 11,89,34

output : 89

## PLACEMENT TRAINING

### ASSIGNMENT – 2

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TP56K(Section)

```
A) import java.util.Scanner;
public class parent {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter your three numbers : ");
        int a=sc.nextInt();
        int b=sc.nextInt();
        int c=sc.nextInt();
        if(a<b) {
            if(b>c) {
                System.out.println(b+ " is the greatest number");
            }else System.out.println(c+ " is the greatest number");
        }else if(a>c){System.out.println(a+ " is the greatest number");
        }else System.out.println(c+ " is the greatest number");
        }
    }
}
```

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2)Write a program in Java to get 5 numbers as input and find their sum and average.

example:

Input : 1 2 3 4 5

Output :

1

2

3

4

5

The sum of 5 no is : 15

The Average is : 3

```
A) import java.util.*;
public class parent{
    public static void main (String a[]) {
        Scanner input = new Scanner(System.in);
        int b[] = new int[5];
        int sum = 0;
        System.out.println("Enter your 5 numbers");
        for(int i=0;i<b.length;i++) {
            b[i]= input.nextInt();
        }
        for(int i=0;i<b.length;i++) {
            System.out.println(b[i]);
        }
        for(int x : b) {
            sum+=x;
        }
        System.out.println("Sumof 5 no. "+sum);
        System.out.println("The average is "+sum/5);
    }
}
```

3) Write a program to find the sum of the digits in an integer.

example:

Input : 25

Output:

The sum is 7

```
A) import java.util.*;
public class parent{
    public static void main (String a[]) {
        Scanner in = new Scanner(System.in);
        System.out.println("Enter you number :");
        int x = in.nextInt();
        int sum=0;
        while(x!=0) {
            sum+=x%10;
            x =x/10;
        }
        System.out.println("The sum is:"+sum);
    }
}
```

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4) A class teacher wants to calculate their students performance based on the examination conducted few days ago. Write a program to get the following information:

- \* average score of each student
- \* if average score is above 50%, then print "Pass" else "Fail"
- \* overall performance of the class or passing percentage of whole class.

Example:

input:

Akshay

68

56

78

82

51

Dev

50

33

45

25

55

Kajol

72

65

78

69

81

output :

average score of akshay : 67

Pass

average score of Dev : 41.6

Fail

average score of kajol : 73

Pass

Passing Percentage is 66.7%

```

A)  import java.util.*;
    public class parent{
        public static void main (String args[]) {
            Scanner in = new Scanner(System.in);
            System.out.println("Enter number of students :");
            int a = in.nextInt();
            String t[] = new String[a];
            System.out.println("Enter number of subjects :");
            int b = in.nextInt();
            double z[][] = new double[a][b];

            for(int i=0 ; i<a;i++) {
                System.out.println("Enter name of student :");
                in.nextLine();
                t[i] = in.nextLine();

                System.out.println("Enter marks of students :");
                for(int y=0;y<b;y++) {
                    z[i][y] = in.nextDouble();
                }
            }
            for(int i=0;i<a;i++) {
                System.out.print("Average score of "+ t[i]+ ":");
                int sum=0;
                for(int x=0;x<b;x++) {
                    sum+=z[i][x];
                    if(x==b-1) {
                        System.out.print(sum/b);
                        System.out.println();
                        System.out.println(sum/(b)>50?"Pass":"Fail");
                    }
                }
            }
        }
    }
}

```