

E1. Question:- : Find out the Fibonacci number

```
public static void main(String[] args) {
    Scanner scan=new Scanner (System.in);
    int a=scan.nextInt();
    int b=scan.nextInt();
    System.out.print(" "+a);
    System.out.print(" "+b);
    for (int i = 0; i < 10; i++) {
        int c=a+b;
        System.out.print(" "+c);
        a=b;
        b=c;
    }
}
```

E2. Question:- : Find out the Factorial number from n values.

```
public static void main(String[] args) {
    Scanner scan = new Scanner(System.in);
    int a = scan.nextInt();
    int i, fact = 1;
    for (i = 1; i <= a; i++) {
        fact = fact * i;
    }
    System.out.print("The Factorial is: " + fact);
}
}
```

E3. Question:- : Find out the Prime number form n values

```
public static void main(String[] args) {
    int num, n = 1, m = 0;
    Scanner scan = new Scanner(System.in);
    num = scan.nextInt();
    while (num >= n) {
        if (num % n == 0) {
            m = m + 1;
        }
        n++;
    }
    if (m == 2) {
        System.out.println("Prime ");
    } else {
        System.out.println("Not Prime");
    }
}
}
```

E4.+E5. Question:- : Sort the Multidimensional Array

Question:- : Sort the Array in Reverse order.

```
public static void main(String[] args) {
    int Arr[][] = {{7, 5, 2}, {8, 5, 9}, {5, 2, 7}};
    int m = 0;
    for (int i = 0; i < Arr.length; i++) {
        for (int j = 0; j < Arr[i].length; j++) {
            for (int k = j + 1; k < Arr[i].length; k++) {

                if (Arr[i][j] > Arr[i][k]) {
                    m = Arr[i][j];
                    Arr[i][j] = Arr[i][k];
                    Arr[i][k] = m;
                }
            }
        }
    }
}
```

```

    }
    }
    System.out.print(" " + Arr[i][j]);
    }
    System.out.println("");
    }
}

```

E6. Question:- : Find out the Max-Min number among n number of values

```

public static void main(String[] args) {
    Scanner scan = new Scanner(System.in);
    int num = scan.nextInt();
    int Arr[] = new int[num];
    int max = 0, min = 0;
    for (int i = 1; i < num; i++) {
        Arr[i] = scan.nextInt();
        if (i == 0) {
            max = Arr[i];
            min = Arr[i];
        } else if (Arr[i] > max) {
            max = Arr[i];
        } else if (Arr[i] < min) {
            min = Arr[i];
        } else {
            continue;
        }
    }
    System.out.println("The Maximum Number is: " + max);
    System.out.println("The minimum Number is: " + min);
}

```

E8. Question:- : Find out the Odd-even number among n number of values.

```

public static void main(String[] args) {
    Scanner scan = new Scanner(System.in);
    int x = scan.nextInt();
    if (x % 2 == 0) {
        System.out.println("Even ");
    } else {
        System.out.println("Odd");
    }
}

```

E9. Question:- : Find out the Conditional Sum until input 0(zero).

```

public static void main(String[] args) {
    Scanner scan = new Scanner(System.in);
    int m=0;
    for (int i = 0;; i++) {
        int a = scan.nextInt();
        if(a>0){
            m=m+a;
        }else{System.out.println(""+m);
        }
    }
}

```

E10. Question:- : Calculate the number with Power.

```

public static void main(String[] args) {
    int a=4;
    int b=3;
    System.out.println(Math.pow(a, b));
}

```