

## Scanner Class

Scanner class present in `"import java.util.*;"` package;

Scanner Object declaration: `Scanner s=new Scanner(System.in);`

`String st=s.next();` // for Single word like "Hello";

`String st=s.nextLine();` // for a Sentence like "I am a boy";

`Char ch=s.next().charAt(0);`

## String

String is Immutable Because Create A single Object of same string in Heap Memory ;

`String st=s.nextLine();`

1.String into char Array Conversion: `char a[]=st.toCharArray();`

2.Chararray a[] into String conversion: `String st=new String(a);`

Or `String st=String.valueOf(a);`

3.Conversion of String into Integer: `int k=Integer.parseInt(st.toString());`

4. Conversion of Integer into Sting: `String st=String.valueOf(n);`

## ArrayList

Declaration :`ArrayList<Integer>li=new ArrayList<>();`

For Reverse :

`ArrayList<Integer>li=new ArrayList<>(Collections.reverseOrder());` or  
`Collections.reverse(li);`