

Scanner

- Scanner is the predefined class from java.util package
- Scanner is providing the following predefined methods to extract the values from the user dynamically
 - public byte nextByte()
 - public short nextShort()
 - public int nextInt()
 - public long nextLong()
 - public float nextFloat()
 - public double nextDouble()
 - public String next()
 - public boolean nextBoolean()
- In order to invoke the above methods then we have to create an Object for the Scanner Class by using the following parameterized constructor
 - public Scanner(System.in)
 - Eg: Scanner s=new Scanner(System.in);

Example:

//Employee.java

import java.util.Scanner;

```
class Employee
{
    public static void main(String args[ ])
    {
        int eno;
        String ename;
        float esal; //local variables

        Scanner s=new Scanner(System.in);
```

```
System.out.println("Enter eno ");
eno=s.nextInt();

System.out.println("Enter ename ");
ename=s.next();
System.out.println("Enter esalary ");
esal=s.nextFloat();
System.out.println("Eno is : "+eno);
System.out.println("Ename is : "+ename);
System.out.println("Esalary is : "+esal);
    }
}
```