Scanner class

- Scanner class in Java is found in the java.util package. Java provides various ways to read input from the keyboard, the java.util.Scanner class is one of them.

- By the help of Scanner in Java, we can get input from the user in primitive types such as int, long, double, byte, float, short, etc.

- The Java Scanner class provides methods to return the type of value such as nextInt(), nextByte(), nextShort(), next(), nextLine(), nextDouble(), nextFloat(), nextBoolean(), etc.

- To get a single character from the scanner, you can call next().charAt(0) method which returns a single character.

Steps to read data from end user:

Step1: import Scanner class from java.util

import java.util.Scanner;

Step2: Create object of Scanner class and initialise it with System.in

Scanner sc=new Scanner(System.in);

Step3: Request for data by calling the methods of Scanner class.

Ex: sc.nextInt();

Example:

```java
import java.util.Scanner;
public class ScannerExample
 {
public static void main(String args[])
{
        Scanner in = new Scanner(System.in);
        System.out.print("Enter your name: ");
        String name = in.next();
        System.out.println("Name is: " + name);
}
}
```