**Scanner Class in Java**

In Java, Scanner is a class in java.util package used for obtaining the input of the primitive types like int, double, etc. and strings.

Using the Scanner class in Java is the easiest way to read input in a Java program

**Java Scanner Input Types**

| **Method** | **Description** |
| --- | --- |
| **nextBoolean()** | Used for reading Boolean value |
| **nextByte()** | Used for reading Byte value |
| **nextDouble()** | Used for reading Double value |
| **nextFloat()** | Used for reading Float value |
| **nextInt()** | Used for reading Int value |
| **nextLine()** | Used for reading Line value |
| **nextLong()** | Used for reading Long value |
| **nextShort()** | Used for reading Short value |

**Example**

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| --- |
| // Java program to read data of various types using Scanner  // class.  **import** java.util.Scanner;  **public** **class** ScannerDemo1 {  **public** **static** **void** main(String[] args)      {          // Declare the object and initialize with          // predefined standard input object          Scanner sc = **new** Scanner(System.in);            // String input          String name = sc.nextLine();            // Character input  **char gender = sc.next().charAt(0);**    **int** age = sc.nextInt();  **long** mobileNo = sc.nextLong();  **double** cgpa = sc.nextDouble();            System.out.println("Name: " + name);          System.out.println("Gender: " + gender);          System.out.println("Age: " + age);          System.out.println("Mobile Number: " + mobileNo);          System.out.println("CGPA: " + cgpa);      }  } |