DYNAMIC READ AND SCANNER CLASS

DYNAMIC READ

The process of reading a data/value from the user during execution of a program is known as dynamic read.

STEPS TO ACHIEVE DYNAMIC READ

Step 1:- Import Scanner class from java.util package.

       import java.util.Scanner;

Step 2:- Create an object for the Scanner class.

       Scanner Object_Reference=new Scanner(System.in);

Step 3:- Call the method of Scanner class to read the data from the user.

       sc.method()

SCANNER CLASS

❖ Scanner class is a latest development in Java, which allows the user to read values of various types.

❖ The Scanner class is defined within a Java package i.e. java.util.

❖ We have to import java.util.Scanner to perform the different tasks in Scanner class.

❖ After importing we can avail facilities of Scanner class by creating the object of the same class.

METHODS TO READ TOKEN FROM SCANNER OBJECT

TYPE OF DATA	METHOD SIGNATURE	RETURN TYPE
byte	nextByte()	byte
short	nextShort()	short
int	nextInt()	int
long	nextLong()	long
float	nextFloat()	float
double	nextDouble()	double
boolean	nextBoolean()	boolean
char	next().charAt(0)	char
String(single word)	next()	String
String(Multi word)	nextLine	String