♦ Java Command Line Arguments

The java command-line argument is an argument i.e. passed at the time of running the java program.

The arguments passed from the console can be received in the java program and it can be used as an input.

So, it provides a convenient way to check the behavior of the program for the different values. You can pass **N** (1,2,3 and so on) numbers of arguments from the command prompt.

Simple example of command-line argument in java

In this example, we are receiving only one argument and printing it. To run this java program, you must pass at least one argument from the command prompt.

```
class CommandLineExample
{
public static void main(String args[])
{
System.out.println("Your first argument is: "+args[0]);
}
}
```

1. compile by > javac CommandLineExample.java
2. run by > java CommandLineExample sonoo

```
Your first argument is: sonoo
```

Example 2:

```
class InputCommand1
{
    public static void main(String args[])
    {
        for(int i=0;i<args.length;i++)
        {
            System.out.println("hello " + args[i]);
        }
    }
}
```

```
C:\Users\Admin\OneDrive\Desktop\UAC\java\Khyati_Uac_Java\unit-1\unit1_prog>java InputCommand1 khyati nisha arti
hello khyati
hello nisha
hello arti
```

Example 3:

```
class InputCommand2
{
	public static void main(String args[])
	{
		int x=Integer.parseInt(args[0]);
		int y=Integer.parseInt(args[1]);
		int z=Integer.parseInt(args[2]);
		int ans= x+y+z;
		System.out.print("ans is"+ans);

	}
}
```

```
C:\Users\Admin\OneDrive\Desktop\UAC\java\Khyati_Uac_Java\unit-1\unit1_prog>java InputCommand2 5 7 8
ans is20
```