

5.COMMAND LINE ARGUMENT

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Experiment no. 5

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roll no: 3014

aim: To take user input through command line arguments.

Theory:

Command line arguments: • The command line arguments in Java is an argument that is passed at the time of running the Java program.

• The Command line arguments passed from the console can be received in the Java program and can be used as an input.

• The users can pass the arguments during the execution by passing the command line arguments inside the main() method.

public static void main (String [] args):

The 'public static void main (String [] args) method in Java is the entry point for any Java program. The keyword 'public' makes this method accessible from anywhere. 'Static' allows the method to be called without creating an instance of the class. 'void' indicates that the method does not return any value. 'String [] args' is an array that stores command-line arguments, allowing users to input data when the program is executed.

Procedure:

Program 1: WAP in java to read a message from command line and display it.

```

public class args {
    public static void main (String [] args)
    {
        System.out.println ("First Argument: " + args [0]);
        System.out.println ("Second Argument: " + args [1]);
    }
}

```

Program 2: WAP in java to read 2 numbers through Command line and display it's sum.

```

public class intargs {
    public static void main (String [] args)
    {
        int x = Integer.parseInt (args [0]);
        int y = Integer.parseInt (args [1]);
        int z = x + y;
        System.out.println ("The sum is: " + z);
    }
}

```

Program 3'

class ~E

public static void main (String[] args)

{

System.out.println(" No of args: "+args.length);

for (int i=0; i<args.length; i++)

{

System.out.println (args[i]);

}

}

}

output (program 1):

First Argument: Hello
Second Argument: Java

Hello Java

output (program 2)

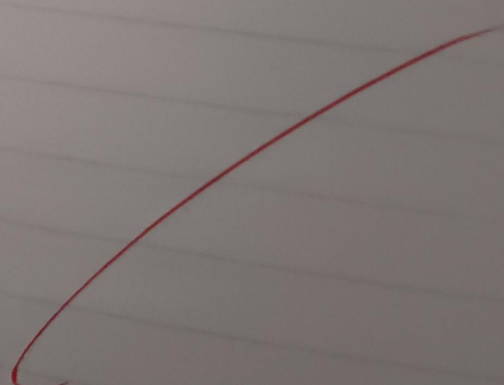
2

4

The sum is: 6

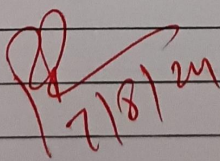
output:-

no. of args :
hi
hello



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Conclusion: Hence, we have implemented programs to take input through command line arguments.


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