**Lab assignment for Java basic - Getting started**

**LAB 1 .1**

*Write java program (Class) which will print/display, a message on console. There should be proper comments.*

**Steps:**

* Create a java source file – MyFirst.java
* Write public class MyFirst
* Which have main method (public static void main(String args[]),
* This method will display a message “Yeeee, My First java class…. ”

/\*\*

\*

\* **@author** vivsinha

\* This is my first java class,

\* And in this class I am printing (displaying) a message on console

\*/

**public** **class** MyFirst {

/\*\*

\* Main method - this is staring point of my program.

\* When I run the program,

\* JVM will look for this method and program will start execution

\*/

**public** **static** **void** main(String[] args) {

// using System.out.println to print a message on console

System.*out*.println("Yeeeeeee, My first Java program. :-) ");

}

}

**OUTPUT - Yeeeeeee, My first Java program. :-)**

**LAB 1 .2**

*Write java program (Class) which will print/display, a message along with name of user on console. The name of the user will be passed to the program as run time argument (command line argument).*

/\*\*

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\* **@author** vivsinha

\* In this class main method will receive

\* run time (command line) argument and use it

\*/

**public** **class** MyFirstWithArgument {

/\*\*

\* Staring point of program,

\* command line (run time) argument will be passed to parameter args

\* which is a String array

\* **@param** args

\*/

**public** **static** **void** main(String[] args) {

// to receive command line (run time) argument

String userName = args[0];

/\* Please do not bother about what is String, args[] and array

\* Will learn it in later stage.

\* For now, this exercise just to understand that

\* we can send some data/info from command line at run time

\*/

System.*out*.println("Hi " + userName);

}

}

Assume – user passed JAVA as command line argument while running this program.

**OUTPUT – Hi JAVA**

**LAB 1 .3**

*Modify Lab 1.2, and now pass two arguments and print them.*

**public** **class** MyFirstWithArgument {

**public** **static** **void** main(String[] args) {

System.*out*.println("Hi " + args[0] + " " + args[1);

}

}

Assume – user passed JAVA DEVELOPER as command line argument while running this program.

**OUTPUT – Hi** JAVA DEVELOPER

**LAB 1 .4**

*Now pass a whole sentence, and system should consider space as space and not an indication for next argument*

**public** **class** MyFirstWithArgument {

**public** **static** **void** main(String[] args) {

System.*out*.println("Hi " + args[0]);

}

}

Assume – user passed “Hi my name is vivek sinha” as command line argument while running this program.

**OUTPUT – Hi** Hi my name is vivek sinha

