**3. Write a program for a Single line comment, multi-line and documentation comments**

**Single line comment**

public class CommentExample1 {

public static void main(String[] args) {

int i=10;//Here, i is a variable

System.out.println(i);

}

}

Output

10

**Multi-line**

public class CommentExample2 {

public static void main(String[] args) {

/\* Let's declare and

print variable in java. \*/

int i=10;

System.out.println(i);

}

}

Output

10

**Documentation comments**

public class FindAvg

{

/\*\*

\* This method is used to find average of three integers.

\* @param numA This is the first parameter to findAvg method

\* @param numB This is the second parameter to findAvg method

\* @param numC This is the third parameter to findAvg method

\* @return int This returns average of numA, numB and numC.

\*/

public int findAvg(int numA, int numB, int numC)

{

return (numA + numB + numC)/3;

}

/\*\*

\* This is the main method which makes use of findAvg method.

\* @param args Unused.

\* @return Nothing.

\*/

public static void main(String args[])

{

FindAvg obj = new FindAvg();

int avg = obj.findAvg(10, 20, 30);

System.out.println("Average of 10, 20 and 30 is :" + avg);

}

}

Output

Average of 10, 20 and 30 is :20