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**Test Methods Lab**

public class TestMethods1 {

//method that shows passing an integer for parameter

public static int square (int y)

{

int ysquared ;

ysquared = y\*y;

return ysquared;

}

public static double cubed (double x)

{

double xcubed;

xcubed = x\*x\*x;

return xcubed;

}

public static String repeatText (String text, int number)

{

//variable to hold the repeated string

String textOut = "";

for (int i = 1; i <= number; i++)

{

textOut = textOut + text;

}

System.out.println(textOut);

return textOut;

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

System.out.println("Method Testing");

int testnum, number\_reps, resultnum;

double cubednum, testnum2;

String testText, resultText;

//call squareR with an integer and get a result

testnum = 9;

resultnum = square (testnum);

System.out.println("the number " + testnum +

" squared is " + resultnum);

//call repeat text

testText = "$";

number\_reps = 10;

resultText = repeatText (testText, number\_reps);

System.out.println("The repeated text is " + resultText);

testnum2 = 2.1;

cubednum = cubed (testnum2);

System.out.println("the number " + testnum2 + " cubed is " + cubednum);

}

}