1. The this reference refers to
   1. The current executing object
   2. The first parameter in a method
   3. the current class
   4. a reference that doesn’t point to any object
   5. the object that called the current method
2. Which of the following should be used for an object reference variable that does not refer any object ?
   1. this
   2. static
   3. null
   4. 0
   5. -1

True/False

1. A reference variable that does not currently point to an object is called a null referene.
2. The this reference lets an object to refer to itself.

Program Questions:

1 String s1=**"Carrot"**;  
2 String s2=**null**;  
3 s2.length();  
4 s1.length();

Which of the line will cause **nullPointerException**?

1. Line 1
2. Line 2
3. Line 3
4. Line 4
5. Write a code to perform null check for **test1 .**
   1. If the test1 is null then print **No Test**
   2. If the test1 is not null then print **Test is available**

**public class** Test {  
  
 **private** String **testName**;  
  
 **public** Test(String testName) {  
 **this**.**testName** = testName;  
 }  
  
 **public static void** main(String[] args) {  
  
 Test test = **new** Test(**"Java Test"**);  
   
 Test test1;

**//Write the code to perform null check.**

}  
}

7)

**public class** Test {  
  
 **private** String **testName**;  
  
 **public** Test(String testName) {  
 **this**.**testName** = testName;  
 }  
  
 **public void** printTestName(){  
 System.***out***.println(**this**.**testName**);  
 }  
  
 **public static void** main(String[] args) {  
  
 Test test1 = **new** Test(**"Java Test"**);  
 test1.printTestName();  
 Test test2 = **new** Test(**"Java Test1"**);  
 test2.printTestName();  
  
   
 }  
}

1. What will get printed when this code **test1.printTestName();**

executes and why ?

1. What will get printed when this code test2**.printTestName();**

executes and why ?