Quiz 2

1. what is the output of the following code?

public class punchcard {  
 public static void main (String args [ ]) {  
 int result, x ;  
 x = 1 ;  
 result = 0;  
 while (x <= 10) {  
 if (x%2 == 0) result += x ;  
 ++ x ;  
 }  
 System.out.println(result) ;  
 }  
}

1. 20
2. 25
3. 30
4. 35
5. 40

*answer*: c - 30

1. What should be in the blank to make the following code print character L appears 3 times?

public class punchcard {  
 public static void main (String args [ ]) {  
 String str = "HELLO WORLD" ;  
 int count = 0 ;  
 for (int i = 0 ; i < str.length() ; i++) {  
 if (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) {  
 count++ ;  
 }  
 }  
 System.out.println("character L appears " + count + " times") ;  
 }  
}

1. str.charAt(i) == 'L'
2. str.charAt(i).equals('L')
3. str == 'L'
4. str.equals('L')
5. charAt(str, i) == 'L'

*answer*: a - str.charAt(i) == 'L'