Dashboard (http://kmitonline.com/student/dashboard.php) / Review

Started on Thursday, 12 May 2022, 10:24 AM

State Finished

Completed on Thursday, 12 May 2022, 11:20 AM

Time taken 56 mins 9 secs

Marks 19.00/25.00

Grade 76.00 out of 100.00

## Select one:

a.

Change by 50

b.

Will remain the same

( C.

The output will change by 80

d.

Change by 160

## The correct answer is:

The output will change by 80

```
class One extends Thread {
  public void run() {
  for(int i=0;i<2;i++)
   System.out.print(i);
  }
  }
  public class Test{
  public static void main(String [] args) {
    Test t= new Test();
    t.call(new One());
  }
  public void call(One n) {
    o.start();
  }
}</pre>
```

Select one:

a.
 None of these

b.
 Compilation fails

c.00
 d.01

#### The correct answer is: 0 1

```
import java.io.*;
class Keyboard { }
public class Computer implements Serializable {
private Keyboard k = new Keyboard();
public static void main(String[] args) {
Computer c = new Computer();
c.storeIt(c);
void storeIt(Computer c) {
try {
ObjectOutputStream os = new ObjectOutputStream(
new FileOutputStream("myFile"));
os.writeObject(c);
os.close();
System.out.println("done");
} catch (Exception x) {System.out.println("exc"); }
What is the result? (Choose all that apply.)
```

```
Select one:

a. done
b.

Compilation fails

c. exc
d.

Exactly one object is serialized

e.

Exactly two objects are serialized
```

The correct answer is: exc

```
integer fun(integer c)
    print c
    if(c<3)
        c=c+2
        fun(fun(c))
    end if
    return c
end function fun

what is the output when c=1</pre>
```

Select one:

a.135

o b. 1

( d. 3

c. 133

The correct answer is: 1 3 3

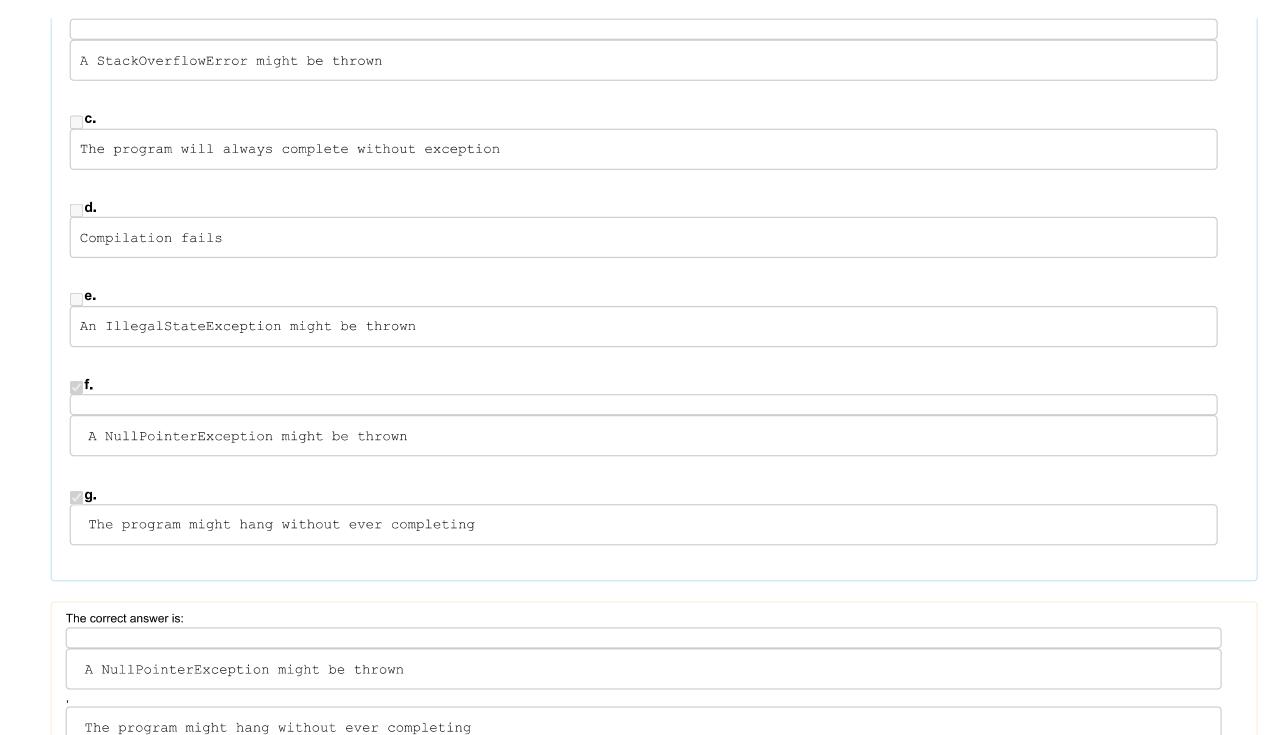
```
Given:
3. class Infinity { }
4. public class Beyond extends Infinity {
5. static Integer i;
6. public static void main(String[] args) {
7. int sw = (int) (Math.random() * 3);
8. switch(sw) {
9. case 0: { for (int x = 10; x > 5; x++)
10. if (x > 10000000) x = 10;
11. break; }
12. case 1: { int y = 7 * i; break; }
13. case 2: { Infinity inf = new Beyond();
14. Beyond b = (Beyond) inf; }
15. }
16. }
17. }
And given that line 7 will assign the value 0, 1, or 2 to sw, which are true? (Choose all that apply.)
```

#### Select one or more:

a.

A ClassCastException might be thrown

□b.





Select one:

<b>a.</b>			
Protected			
<b>b.</b>			
Public			
С.			
None			
d. Private			
e correct answer is:			
ublic			

```
fun(str a)
   IF(str equals null)
      return
   END IF
   fun(a+1)
   fun(a+1)
   print a
end FUN

input a="pqr"

Here a+1 means it will go index of a
if a="abc" a+1 means it will start from "b"
```

## Select one:

a.

pqrrrqrrrqrpqr

**b.** 

rrqrrrqrpqr

( ) C.

None of these

(a) d.

fun never terminates

О е.

rrqrrrqr

#### The correct answer is:

rrqrrrqrpqr

```
3. import java.util.*;
4. public class Looking {
5. public static void main(String[] args) {
6. String input = "1 2 a 3 45 6";
7. Scanner sc = new Scanner(input);
8. int x = 0;
9. do {
10. x = sc.nextInt();
11. System.out.print(x + " ");
12. } while (x!=0);
13. }
14. }
What is the result?
```

## Select one:

( a.

1 2 followed by an exception

( b.

1 2

( ) C.





```
5) Given:
3. public class Ebb {
4. static int x = 7;
5. public static void main(String[] args) {
6. String s = "";
7. for (int y = 0; y < 3; y++) {
8. x++;
9. switch(x) {
10. case 8: s += "8 ";
11. case 9: s += "9 ";
12. case 10: { s+= "10 "; break; }
13. default: s += "d ";
14. case 13: s+= "13 ";
15. }
16. }
17. System.out.println(s);
18. }
19. static { x++; }
20. }
What is the result?
```

#### Select one or more:

#### ∣a.

Compilation fails

## 

9 10 10 d 13

C.

8 9 10 d d. 8 9 10 9 10 10 d 13 e. 9 10 10 d nf. 8 9 10 10 d 13 g. 9 10 d The correct answer is: 9 10 10 d 13

```
3. public class McGee {
4. public static void main(String[] args) {
5. Days d1 = Days.TH;
6. Days d2 = Days.M;
7. for(Days d: Days.values()) {
8. if(d.equals(Days.F)) break;
9. d2 = d;
10. }
11. System.out.println((d1 == d2)?"same old" : "newly new");
12. }
13. enum Days {M, T, W, TH, F, SA, SU};
14. }
What is the result?
```

#### Select one:

a.

Compilation fails due only to an error on line 11

b.

same old

( ) C.

Compilation fails due only to an error on line 8

d.

Compilation fails due to multiple errors

○ e.

newly new

$\bigcirc$ f.
Compilation fails due only to an error on line 13
Compilation fails due only to an error on line 7
The correct answer is:
same old
Which keyword when applied on a method indicates that only one thread should execute the method at a time. Select the one correct answ er.
Select one:
_ a.
static
<u>b.</u>
native
native C.

11			
volatile			
d.			
aunahranisad			
synchronized			
<b>).</b>			
-			
transient			
orrect answer is:			
orrect answer is:			
orrect answer is:			

```
Given:
 3. class SubException extends Exception { }
 4. class SubSubException extends SubException { }
 5.
 6. public class CC { void doStuff() throws SubException { } }
 7.
 8. class CC2 extends CC { void doStuff() throws SubSubException { } }
 9.
10. class CC3 extends CC { void doStuff() throws Exception { } }
 11.
12. class CC4 extends CC { void doStuff(int x) throws Exception { } }
 13.
14. class CC5 extends CC { void doStuff() { } }
What is the result? (Choose all that apply.)
Select one:
a.
   Compilation fails due to an error on line 8
( b.
   Compilation fails due to an error on line 14
( ) C.
    Compilation succeeds
```

d.

Compilation fails due to an error on line 12

e.

Compilation fails due to an error on line 10

#### The correct answer is:

Compilation fails due to an error on line 10

```
Given:
3. public class Wind {
4. public static void main(String[] args) {
5. foreach:
6. for(int j=0; j<5; j++) {
7. for(int k=0; k< 3; k++) {
8. System.out.print(" " + j);
9. if(j==3 && k==1) break foreach;
10. if(j==0 || j==2) break;
11. }
12. }
13. }
14. }
What is the result?
```

## Select one:

a.0123

b.

1 1 1 3 3

\_ C.

```
1 1 1 3 3 4 4 4
(a) d.
  0 1 1 1 2 3 3
О е.
   0 1 1 1 2 3 3 4 4 4
The correct answer is:
0 1 1 1 2 3 3
What is the numerical range of char?
Select one:
a.
  0 to 65535
b.
  0 to 32767
_ C.
  -256 to 255
d.
```

```
-32768 to 32767
```

#### The correct answer is:

0 to 65535

```
void reverse(Integer n)
  IF N GREATER THAN 5 THEN
  EXIT
  END IF
  print n
   Return Reverse(n++)
  END REVERSE
```

## Select one:

a.

1 24 6 8

b.

1 2 5 3 4

C.

1 2 3 4 5

d. None of these

```
4. public class SpecialOps {
5. public static void main(String[] args) {
6. String s = "";
7. Boolean bl = true;
8. Boolean b2 = false;
9. if((b2 = false) | (21%5) > 2) s += "x";
10. if(b1 || (b2 = true)) s += "y";
11. if(b2 == true) s += "z";
12. System.out.println(s);
13. }
14. }
Which are true? (Choose all that apply.)
```

#### Select one:

a.

x will be included in the output

b.

z will be included in the output

C.

y will be included in the output

d.

An exception is thrown at runtime

<u>е.</u>

Compilation fails

#### The correct answer is:

y will be included in the output

```
public abstract class Test implements Runnable
{
  public void m1() { }
}
```

## Select one:

a.

Compilation fails because it didnt implement run method

b.

None of these

( ) C.

Compilation fails because it didnt contain abstract methods

d.

compiles fine

The correct answer is:

compiles fine

```
class Bar { }
class Test
    Bar doBar()
        Bar b = new Bar(); /* Line 6 */
       return b; /* Line 7 */
    public static void main (String args[])
       Test t = new Test(); /* Line 11 */
        Bar newBar = t.doBar(); /* Line 12 */
        System.out.println("newBar");
       newBar = new Bar(); /* Line 14 */
        System.out.println("finishing"); /* Line 15 */
At what point is the Bar object, created on line 6, eligible for garbage collection?
```

## Select one:

a.

after line 15, when main() completes

b.

```
after line 7, when doBar() completes

C.

after line 12

d.

after line 14
```

```
The correct answer is:
```

after line 14

```
Given:
3. public class Theory {
4. public static void main(String[] args) {
5. String s1 = "abc";
6. String s2 = s1;
7. s1 += "d";
8. System.out.println(s1 + " " + s2 + " " + (s1==s2));
9.
10. StringBuffer sb1 = new StringBuffer("abc");
11. StringBuffer sb2 = sb1;
12. sb1.append("d");
13. System.out.println(sb1 + " " + sb2 + " " + (sb1==sb2));
14. }
15. }
Which are true? (Choose all that apply.)
```

Select one or more:

The second line of output is abcd abc false
b.
Compilation fails
C.
The first line of output is abcd abc false
nd.
The first line of output is abc abc true
e.
The first line of output is abc abc false
√ f.
The second line of output is abcd abcd true
g.
The second line of output is abcd abcd false
The correct answer is:
The first line of output is abcd abc false

The second line of output is abcd abcd true

Integer j=41,k=37
Assign j to j+1
Assign k to k-1
Assign j to j/k
Assign k to k/j
Print the value of k,j

# Select one:

a.11

b.

1 36

c. 42 36

od. 36 1

## The correct answer is:

1 36

```
Given:
3. public class Spock {
4. public static void main(String[] args) {
5. int mask = 0;
6. int count = 0;
7. if(((5<7) || (++count < 10)) | mask++ < 10 ) mask = mask + 1;
8. if((6 > 8) ^ false) mask = mask + 10;
9. if(!(mask > 1) && ++count > 1) mask = mask + 100;
10. System.out.println(mask + " " + count);
11. }
12. }
Which two answers are true about the value of mask and the value of count at line 10?
(Choose two.)
```

#### Select one or more:

a.

mask is 1

√ b.

mask is 2

C.

mask is 10

٦d.

mask is greater than 10

e.

mask is greater than 0

```
mask is 0

g.

count is 0
```

```
The correct answer is:

mask is 2

count is 0
```

```
Given:
3. import java.io.*;
4. class Vehicle { }
5. class Wheels { }
6. class Car extends Vehicle implements Serializable { }
7. class Ford extends Car { }
8. class Dodge extends Car { }
9. Wheels w = new Wheels();
10. }
Instances of which class(es) can be serialized? (Choose all that apply.)
```

Select one or more:

√ a.

b.
Wheels

c. car
d. ford
e.

Vehicle

The correct answer is: car, ford

Select one:

```
Given:
3. public class OverAndOver {
4. static String s = "";
5. public static void main(String[] args) {
6. try {
7. s += "1";
8. throw new Exception();
9. } catch (Exception e) { s += "2";
10. } finally { s += "3"; doStuff(); s += "4";
11. }
12. System.out.println(s);
13. }
14. static void doStuff() { int x = 0; int y = 7/x; }
15. }
What is the result?
```

○ a.	
Compilation fails	
<b>b.</b>	
1234 followed by an exception	
○ <u>C</u> -	
123 followed by an exception	
○ d.	
13	
_ e.	
1234	
g.	
An exception is thrown with no other output	
○ h. 12	
The correct answer is:	
THE CONTROL CHISWON IS.	

An exception is thrown with no other output

```
Given:
3. public class Circles {
4. public static void main(String[] args) {
5. int[] ia = {1,3,5,7,9};
6. for(int x : ia) {
7. for (int j = 0; j < 3; j++) {
8. if (x > 4 \&\& x < 8) continue;
9. System.out.print(" " + x);
10. if(j == 1) break;
11. continue;
12. }
13. continue;
14. }
15. }
16. }
What is the result?
```

# Select one:

a.

1 3 3 9 9

**b.** 5 5 7 7

( ) C.

Compilation fails

d.

1 3 9

e.

1 1 3 3 9 9

**f.** 

1 1 1 3 3 3 9 9 9

The correct answer is:

1 1 3 3 9 9

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