Write Multiple Choice 1 to 25

1)

public void foo( boolean a, boolean b)

{

if( a )

{

System.out.println("A"); /\* Line 5 \*/

}

else if(a && b) /\* Line 7 \*/

{

System.out.println( "A && B");

}

else /\* Line 11 \*/

{

if ( !b )

{

System.out.println( "notB") ;

}

else

{

System.out.println( "ELSE" ) ;

}

}

}

a)If *a* is true and *b* is true then the output is "*A && B*"

b)If *a* is true and *b* is false then the output is "*notB*"

c)If *a* is false and *b* is true then the output is "*ELSE*"

d)If *a* is false and *b* is false then the output is "*ELSE*"

2) What will be the output of the program?

int i = l, j = -1;

switch (i)

{

case 0, 1: j = 1; /\* Line 4 \*/

case 2: j = 2;

default: j = 0;

}

System.out.println("j = " + j);

a) j = -1

b)j = 0

c)j = 1

d)Compilation fails.

3)

switch(x)

{

default:

System.out.println("Hello");

}

Which two are acceptable types for x?

1. byte
2. long
3. char
4. float
5. Short
6. Long

a) 1 and 3

b)2 and 4

c)3 and 5

d)4 and 6

4) What will be the output of the program?

int i = 1, j = 10;

do

{

if(i > j)

{

break;

}

j--;

} while (++i < 5);

System.out.println("i = " + i + " and j = " + j);

a) i = 6 and j = 5

b) i = 5 and j = 5

c) i = 6 and j = 4

d) i = 5 and j = 6

5)

public void test(int x)

{

int odd = 1;

if(odd) /\* Line 4 \*/

{

System.out.println("odd");

}

else

{

System.out.println("even");

}

}

Which statement is true?

a)Compilation fails.

b)"odd" will always be output.

c)"even" will always be output.

d)"odd" will be output for odd values of x, and "even" for even values.

6)

What will be the output of the program?

public class Switch2

{

final static short x = 2;

public static int y = 0;

public static void main(String [] args)

{

for (int z=0; z < 3; z++)

{

switch (z)

{

case x: System.out.print("0 ");

case x-1: System.out.print("1 ");

case x-2: System.out.print("2 ");

}

}

}

}

a) 0 1 2

b) 0 1 2 1 2 2

c) 2 1 0 1 0 0

d) 2 1 2 0 1 2

7)

public class While

{

public void loop()

{

int x= 0;

while ( 1 ) /\* Line 6 \*/

{

System.out.print("x plus one is " + (x + 1)); /\* Line 8 \*/

}

}

}

Which statement is true?

a)There is a syntax error on line 1.

b)There are syntax errors on lines 1 and 6.

c)There are syntax errors on lines 1, 6, and 8.

d)There is a syntax error on line 6.

8)

What will be the output of the program?

public class SwitchTest

{

public static void main(String[] args)

{

System.out.println("value =" + switchIt(4));

}

public static int switchIt(int x)

{

int j = 1;

switch (x)

{

case l: j++;

case 2: j++;

case 3: j++;

case 4: j++;

case 5: j++;

default: j++;

}

return j + x;

}

}

a)value = 2

b)value = 4

c)value = 6

d)value = 8

9)

What will be the output of the program?

public class If2

{

static boolean b1, b2;

public static void main(String [] args)

{

int x = 0;

if ( !b1 ) /\* Line 7 \*/

{

if ( !b2 ) /\* Line 9 \*/

{

b1 = true;

x++;

if ( 5 > 6 )

{

x++;

}

if ( !b1 )

x = x + 10;

else if ( b2 = true ) /\* Line 19 \*/

x = x + 100;

else if ( b1 | b2 ) /\* Line 21 \*/

x = x + 1000;

}

}

System.out.println(x);

}

}

a)0

b)1

c)101

d)111

10)

What will be the output of the program?

public class Switch2

{

final static short x = 2;

public static int y = 0;

public static void main(String [] args)

{

for (int z=0; z < 3; z++)

{

switch (z)

{

case y: System.out.print("0 "); /\* Line 11 \*/

case x-1: System.out.print("1 "); /\* Line 12 \*/

case x: System.out.print("2 "); /\* Line 13 \*/

}

}

}

}

a)0 1 2

b)0 1 2 1 2 2

c)Compilation fails at line 11.

d)Compilation fails at line 12.

11)

What will be the output of the program?

public class If1

{

static boolean b;

public static void main(String [] args)

{

short hand = 42;

if ( hand < 50 & !b ) /\* Line 7 \*/

hand++;

if ( hand > 50 ); /\* Line 9 \*/

else if ( hand > 40 )

{

hand += 7;

hand++;

}

else

--hand;

System.out.println(hand);

}

}

a)41

b)42

c)50

d)51

12)

What will be the output of the program?

public class Test

{

public static void main(String [] args)

{

int I = 1;

do while ( I < 1 )

System.out.print("I is " + I);

while ( I > 1 ) ;

}

}

a)I is 1

b)I is 1 I is 1

c)No output is produced.

d)Compilation error

13)

What will be the output of the program?

int x = l, y = 6;

while (y--)

{

x++;

}

System.out.println("x = " + x +" y = " + y);

a)x = 6 y = 0

b)x = 7 y = 0

c)x = 6 y = -1

d)Compilation fails.

14)

What will be the output of the program?

int I = 0;

outer:

while (true)

{

I++;

inner:

for (int j = 0; j < 10; j++)

{

I += j;

if (j == 3)

continue inner;

break outer;

}

continue outer;

}

System.out.println(I);

a)1

b)2

c)3

d)4

15)

What will be the output of the program?

for (int i = 0; i < 4; i += 2)

{

System.out.print(i + " ");

}

System.out.println(i); /\* Line 5 \*/

a)0 2 4

b)0 2 4 5

c)0 1 2 3 4

d)Compilation fails.

16)

What will be the output of the program?

int x = 3;

int y = 1;

if (x = y) /\* Line 3 \*/

{

System.out.println("x =" + x);

}

a)x = 1

b)x = 3

c)Compilation fails.

d)The code runs with no output.

17)

What will be the output of the program?

Float f = new Float("12");

switch (f)

{

case 12: System.out.println("Twelve");

case 0: System.out.println("Zero");

default: System.out.println("Default");

}

a)Zero

b)Twelve

c)Default

d)Compilation fails

18)

What will be the output of the program?

int i = O;

while(1)

{

if(i == 4)

{

break;

}

++i;

}

System.out.println("i = " + i);

a)i = 0

b)i = 3

c)i = 4

d)Compilation fails.

19)

What will be the output of the program?

public class Delta

{

static boolean foo(char c)

{

System.out.print(c);

return true;

}

public static void main( String[] argv )

{

int i = 0;

for (foo('A'); foo('B') && (i < 2); foo('C'))

{

i++;

foo('D');

}

}

}

a)ABDCBDCB

b)ABCDABCD

c)Compilation fails.

d)An exception is thrown at runtime.

20)

What will be the output of the program?

for(int i = 0; i < 3; i++)

{

switch(i)

{

case 0: break;

case 1: System.out.print("one ");

case 2: System.out.print("two ");

case 3: System.out.print("three ");

}

}

System.out.println("done");

a)done

b)one two done

c)one two three done

d)one two three two three done

21)

What will be the output of the program?

public class Test

{

public static void main(String args[])

{

int i = 1, j = 0;

switch(i)

{

case 2: j += 6;

case 4: j += 1;

default: j += 2;

case 0: j += 4;

}

System.out.println("j = " + j);

}

}

a)0

b)2

c)4

d)6

22)

What will be the output of the program?

boolean bool = true;

if(bool = false) /\* Line 2 \*/

{

System.out.println("a");

}

else if(bool) /\* Line 6 \*/

{

System.out.println("b");

}

else if(!bool) /\* Line 10 \*/

{

System.out.println("c"); /\* Line 12 \*/

}

else

{

System.out.println("d");

}

a)a

b)b

c)c

d)d

23)

What will be the output of the program?

public class Switch2

{

final static short x = 2;

public static int y = 0;

public static void main(String [] args)

{

for (int z=0; z < 4; z++)

{

switch (z)

{

case x: System.out.print("0 ");

default: System.out.print("def ");

case x-1: System.out.print("1 ");

break;

case x-2: System.out.print("2 ");

}

}

}

}

a) 0 def 1

b) 2 1 0 def 1

c) 2 1 0 def def

d) 2 1 0 def 1 def 1

24)

What will be the output of the program?

int i = 0, j = 5;

tp: for (;;)

{

i++;

for (;;)

{

if(i > --j)

{

break tp;

}

}

System.out.println("i =" + i + ", j = " + j);

a)i = 1, j = 0

b)i = 1, j = 4

c)i = 3, j = 4

d)Compilation fails.

25)

What will be the output of the program?

int I = 0;

label:

if (I < 2) {

System.out.print("I is " + I);

I++;

continue label;

}

a)I is 0

b)I is 0 I is 1

c)Compilation fails.

d)None of the above