**Exercise for loops**

Which looping process checks the test condition at the end of the loop?

[a] for

[b] while

**[c] do-while**

[d] no looping process checks the test condition at the end

A continue statement causes execution to skip to

[a] the end of the program

[b] the first statement after the loop

**[c] the statement following the continue statement**

[d] the next iteration of the loop

The statement i++; is equivalent to

[a] i = i + i;

**[b] i = i + 1;**

[c] i = i - 1;

[d] i - - ;

Which looping process is best used when the number of iterations is known?

**[a] for**

[b] while

[c] do-while

[d] all looping processes require that the iterations be known

What's wrong? for (int k = 2, k <= 12, k++)

[a] the increment should always be ++k

[b] the variable must always be the letter i when using a for loop

[c] there should be a semicolon at the end of the statement

**[d] the commas should be semicolons**

What value is stored in num at the end of this looping?

for (num = 1; num <= 5; num++)

[a] 1

[b] 4

[c] 5

**[d] 6**

What is the output of the following program?

1. public class ForLoop

{

    public static void main(String[] args)

    {

        int i=10;

        for(int i=0;i<5;i++)

        {

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

        }

        System.out.println("i="+i);

    }

}

Error variable I is already defined

Correct it As below

int j=10;

for(int i=0;i<5;i++)

{

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

}

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

Output is :

i=0

i=1

i=2

i=3

i=4

j=10

1. public class ForLoop

{

    public static void main(String[] args)

    {

        for(int i=0;i>4?false:true;i++)

        {

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

        }

    }

}

Output is

i=0

i=1

i=2

i=3

i=4

3. class jump\_statments {

public static void main(String args[])

{

int x = 2;

int y = 0;

for ( ; y < 10; ++y) {

if (y % x == 0)

continue;

else if (y == 8)

break;

else

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

}

}

}

Output 1 3 5 7 9

Q.Consider

int a = 6;

int b = 12;

while(a<b){

System.out.println("In the loop");

a+=2;

b-=2;

}

How many times is the phrase "In the loop" printed? **2 times**

Q. Which of the following while statements is equivalent to

do{

y=x+7;

x++;

}while(x<9);

A.

y=x+7;

x++;

while(x<9)

{

y=x+7;

x++;

}

B.

while(x<9){

y=x+7;

x++;

}

y=x+7;

x++;

C.

while(x<=9){

y=x+7;

x++;

}

**D.A and B**

E.A, B and C