Pregunta 1

Given the following:

```
1. public class Runner {
2. static int a=1;
2. public static void main (String []args) {
3.        int b = 6;
4.        while (a++) {
5.                b--;
6.        }
7.        System.out.println("a=" + a + " b =" + b);
8. }
9. }
```

What is the result?

A. The output is a = 6 b = 0

B. The output is a = 7 b = -1

C. The output is a = 6 b = -1

D. The output is a = 7 b = 0

E. Compilation will fail.

Pregunta 2

Given the code fragment:

```
public static void main(String[] args){
    int x=0;
    int y=7;
    for(x=0;x<y-1;x=x+2){
            System.out.println(x+" ");
    }
}
```

What is the result?

A.2 4

B.0 2 4 6

C.0 2 4

D.Compilation fails

Pregunta 3

Given the code fragment:

```
public static void main(String[] args){

    String[] cars={"A","B","C","D"};

    for(int i=0;i<cars.length;i++){

            System.out.print(cars[i]+" ");

            if(cars[i].equals("C")){

                    continue;

            }

            System.out.println("End");

            break;

    }

}
```

What is the result?

A. A B C End

B. A B C D End

C. A End

D. Compilation fails

Given the code fragment:

```
public static void main(String[] args){

    String[][] cars={{"A","B","C"},{"D","E"}};

    ex: for(int i=0;i<cars.length;i++){

            for(int k=0;k<cars[i].length;k++){

                    System.out.print(cars[i][k]+" ");

                    if(cars[i][k].equals("B")){

                            break;

                    }

                    continue ex;

            }


    }
}
```

What is the result?

A. A B C

B. A D

C. A B D E

D. Compilation fails.

Pregunta 5

Given the code fragment:

int m[]={1,2,3,4,5};

for(---){

   System.out.print(m[i]);

}

Which option can replace --- to enable the code to print 135?

A.int i = 0; i <= 4; i ++

B.int i =0; i <5; i += 2

C.int i = 1; i <= 5; i += 1

D.int i = 1; i <5; i +=2

Pregunta 6

Given the following:

```
public static void main(String[] args){

    int a=5;

    while(isPresent(a)){

            System.out.print(a);  //line 1

            //line 2

    }

}

public static boolean isPresent(int a){ //line 3

    return a-->0?true:false;

}
```

Which modification enables the code to print 54321?

A.Replace line 1 with System. out. print (--a) ;

B.At line 2, insert a --;

C.Replace line 1 with --a; and, at line 2, insert system. out. print (a);

D.Replace line 3 With return (a > 0) ?false: true;