    A. do-while loop
    B. for (traditional)
    C. for-each
    D. while

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    B. for (traditional)
    C. for-each
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    A. break
    B. continue
    C. end
    D. skip

```
String letters = "";
while (letters.length() != 2)
letters+="a";
System.out.println(letters);
```

    A. aa
    B. aaa
    C. The loops complete with no output.
    D. This is an infinite loop.

    A. break
    B. continue
    C. end
    D. skip

7. What does the following code output?
```
int singer = 0;
while (singer)
System.out.println(singer++);
```
    A. 0
    B. The code does not compile.
    C. The loops complete with no output.
    D. This is an infinite loop.

8. What does the following code output?
```
int singer = 0;
while (singer > 0)
System.out.println(singer++);
```
    A. 0
    B. The code does not compile.
    C. The loops completes with no output.
    D. This is an infinite loop.

9. What does the following code output?
```
String letters = "";
while (letters.length() != 3)
letters+="ab";
System.out.println(letters);
```

    A. ab
    B. abab
    C. The loop completes with no output.
    D. This is an infinite loop.

10. What is the result of the following?

```
int k = 0;
for (int i = 10; i > 0; i--) {
while (i > 3)
{i -= 3;}
k += 1;
}
System.out.println(k);
```

   A. 1
   B. 2
   C. 3
   D. 4

11. Which of the following is equivalent to this code snippet given an array of String objects?

```
for (int i=fun.length-1; i>=0; i--)
System.out.println(fun[i]);
```

   A. for (String f = fun) System.out.println(f);
   B. for (String f : fun) System.out.println(f);
   C. for (String f fun) System.out.println(it);
   D. None of the above

12. What is the output of the following?

```
StringBuilder builder = new StringBuilder();
String str = new String("Leaves growing");
do {
System.out.println(str);
}
while (builder);
System.out.println(builder);
```

   A. Leaves growing
   B. This is an infinite loop.
   C. The code does not compile.
   D. The code compiles but throws an exception at runtime.

```
6:    int count = 0;
7:    do {
8:    do {
9:    count++;
10:   } while (count < 2);
11:   break;
12: } while (true);
13: System.out.println(count);
```

A. 2
B. 3
C. The code does not compile.
D. This is an infinite loop

```
for (alpha; beta; gamma)
{
delta;
}
```

A. alpha
B. alpha, beta
C. alpha, beta, gamma
D. None of the above

```
for (alpha; beta; gamma)
{
delta;
}
```

A. alpha, delta, gamma, beta
B. alpha, beta, delta, gamma, beta
C. alpha, delta, gamma, alpha, beta
D. alpha, beta, delta, gamma, alpha, beta

```
public class Shoelaces
{
public static void main(String[] args) {
String tie = null;
while (tie == null);
tie = "shoelace";
System.out.print(tie);
}
}
```

   A. null
   B. shoelace
   C. shoelaceshoelace
   D. None of the above

```
package stocks;
public class Bond {
private static int price = 5;
public boolean sell() {
if(price<10)
{ price++; return true;
}
else if(price>=10) {
return false;
}
}
public static void main(String[] cash) {
new Bond().sell();
new Bond().sell();
new Bond().sell();
System.out.print(price);
}
}
```

A.   5
B.   6
C.   8
D.   The code does not compile.