Feedback — Semaine 5 quiz

You submitted this quiz on **Fri 3 Oct 2014 11:35 AM WEST**. You got a score of **5.00** out of **5.00**.

Question 1

Soit le code suivant:

```
ArrayList<Character> liste = new ArrayList();
liste.add('A');
liste.add('D');
liste.add('F');
liste.add('M');
liste.add('A');
liste.add('B');
liste.add('D');
```

Quelle valeur renvoie l'appel

```
liste.indexOf('A')
```

?

Your Answer		Score	Explanation
○ 1			
⦿ 0	✔	1.00	
○ -1			
○ 4			
Total		1.00 / 1.00	

Question 2

Soit le code suivant:

```
String s1 = "chaine";
String s3 = s1 + "";
```

```
String s5 = "Chaine";

System.out.println((s1.equals(s5)) || (s3.equals(s1)));
```

Qu'affiche ce programme?

Your Answer		Score	Explanation
true	✔	1.00	
false			
Total		1.00 / 1.00	

Question 3

Quel code va construire un ArrayList tab avec les éléments {0, 2, 4, 6, 8, 20}?

Your Answer	Score	Explanation

○
```
ArrayList<Integer> tab = new ArrayList<Integer>();
int somme = 0;
for (int i = 0 ; i <= 5 ; i++){
    tab.add(i*2);
    somme += tab.get(i);
}
if (somme > 10){
    tab.add(somme);
}
```

○
```
ArrayList<Integer> tab = new ArrayList<Integer>();
int somme = 0;
for (int i = 0 ; i < 5 ; i++){
    tab.add(i*2);
    somme += tab.get(i);
}
```

○
```
ArrayList<Integer> tab = new ArrayList<Integer>();
int somme = 0;
for (int i = 0 ; i < 5 ; i++){
    tab.add(i);
    somme += tab.get(i);
}
if (somme > 10){
```

```
        tab.add(somme);
}
```

◉　　　　　　　　　　　　　　　　　　　　　　　✔　1.00

```
ArrayList<Integer> tab = new ArrayList<Integer>();
int somme = 0;
for (int i = 0 ; i < 5 ; i++){
        tab.add(i*2);
        somme += tab.get(i);
}
if (somme > 10){
        tab.add(somme);
}
```

Total　　　　　　　　　　　　　　　　　　　　　　1.00 / 1.00

Question 4

Quel code va produire la sortie suivante:

```
C'est la vie
```

?

Your Answer	Score	Explanation

○

```
String s = "vie";
String s1 = "est";
String s2;
char c1 = 'C';

s = "la" + s;
s2 = "'" + s1;
s2 = c1 + s2;
s = s2 + " " + s;
System.out.println(s);
```

○

```
String s = "vie";
String s1 = "est";
String s2;
char c1 = 'C';

s2 = "'" + s1;
s2 = c1 + s2;
```

```
s = s2 + " " + s;
System.out.println(s);
```

○ ✔ 1.00

```
String s = "vie";
String s1 = "est";
String s2;
char c1 = 'C';

s = "la " + s;
s2 = "'" + s1;
s2 = c1 + s2;
s = s2 + " " + s;
System.out.println(s);
```

○

```
String s = "vie";
String s1 = "est";
String s2;
char c1 = 'C';

s = "la " + s;
s2 = "'" + s1;
s2 = c1 + s2;
s = s2 + s;
System.out.println(s);
```

Total   1.00 / 1.00

Question 5

Quelles sont les valeurs de s1 et s2 pour que le code a la sortie suivante:

```
51 + 5 = 56
```

Quel est le code manquant?

```
String s1 = /* code manquant1 */ ;
String s2 =  /* code manquant2 */ ;
int v = Integer.parseInt(s2);
for (int i = 0; i < s1.length(); i++){
        String subs1 = s1.substring(0, i + 1);
        String subs2 = s1.substring(i + 1, s1.length());
        if (i == s1.length() - 1){
                subs2 = "0";
        }
        int v1 = Integer.parseInt(subs1);
```

```
        int v2 = Integer.parseInt(subs2);
        if (v1 + v2 == v){
                System.out.println(subs1 + " + " + subs2 + " = " + s2 );
        }
}
```

Your Answer	Score	Explanation
⬡ String s1 = "155"; String s2 = "56";		
⬡ String s1 = "551"; String s2 = "56";		
⬡ String s1 = "560"; String s2 = "56";		
⬉ String s1 = "515"; String s2 = "56";	✔ 1.00	
Total	1.00 / 1.00	