Java课作业（2/15）

10道oracle考试练习题

- 1(1).

  QUESTION 1
  Given the code fragment:

  ```
  if (aVar++ < 10) {
      System.out.println(aVar + " Hello World!");
  } else {
      System.out.println(aVar + " Hello Universe!");
  }
  ```

  What is the result if the integer aVar is 9?

  A. 10 Hello World!
  B. Hello Universe!
  C. Hello World!
  D. Compilation fails.

- 2(3).

  ```
  public static void main(String[] args) {
      Short s1 = 200;
      Integer s2 = 400;
      Long s3 = (long) s1 + s2;          //line n1
      String s4 = (String) (s3 * s2);    //line n2
      System.out.println("Sum is " + s4);
  }
  ```

  What is the result?

  A. Sum is 600
  B. Compilation fails at line n1.
  C. Compilation fails at line n2.
  D. A ClassCastException is thrown at line n1.
  E. A ClassCastException is thrown at line n2.

- 3(10).

  ```
  int a[] = {1, 2, 3, 4, 5};
  for(XXX) {
      System.out.print(a[e]);
  }
  ```

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

A. int e = 0; e < = 4; e++
B. int e = 0; e < 5; e   + = 2
C. int e = 1; e < = 5; e   + = 1
D. int e = 1; e < 5;   e+ =2

- 4(14).

```
String shirts[][]  = new String[2][2];
shirts[0][0]  =  "red";
shirts[0][1]  =  "blue";
shirts[1][0]  =  "small";
shirts[1][1]  =  "medium";
```

Which code fragment prints red: blue: small: medium?

```
A) for (int index = 1; index < 2; index++) {
        for (int idx = 1; idx < 2; idx++) {
            System.out.print(shirts[index][idx] + ":");
        }
    }

B) for (int index = 0; index < 2; ++index) {
        for (int idx = 0; idx < index; ++idx) {
            System.out.print(shirts[index][idx] + ":");
        }
    }

C) for (String c : colors) {
        for (String s : sizes) {
            System.out.println(s + ":");
        }
    }

D) for (int index = 0; index < 2;) {
        for (int idx = 0; idx < 2;) {
            System.out.print(shirts[index][idx] + ":");
            idx++;
        }
        index++;
    }
```

- 5(17).

```
4. public static void main(String[] args) {
5.      boolean opt = true;
6.      switch (opt) {
7.          case true:
8.              System.out.print("True");
9.              break;
10.         default:
11.             System.out.print("***");
12.     }
13.     System.out.println("Done");
14. }
```

Which modification enables the code fragment to print TrueDone?

A. Replace line 5 With String opt = "true";
    Replace line 7 with case "true":
B. Replace line 5 with boolean opt = l;
    Replace line 7 with case 1=
C. At line 9, remove the break statement.
D. Remove the default section.

- 6(18).

```
public static void main(String[] args) {
    int num = 5;
    do {
        System.out.print(num-- +" ");
    } while (num == 0);
}
```

What is the result?

A. 5 4 3 2 1 0
B. 5 4 3 2 1
C. 4 2 1
D. 5
E. Nothing is printed

- 7(19).

```
int x = 100;
int a = x++;
int b = ++x;
int c = x++;
int d = (a < b) ? (a < c) ? a: (b <c )? b: c;
System.out.println(d);
```

What is the result?

A. 100
B. 101
C. 102
D. 103
E. Compilation fails

- 8(25).

```
1. public class Test {
2.     public static void main(String[] args) {
3.         /* insert code here */
4.         array[0]=10;
5.         array[1]=20;
6.         System.out.print(array[0]+":"+array[1]);
7.     }
8. }
```

Which code fragment, when inserted at line 3, enables the code to print 10:20?

A. int[] array = new int[2];
B. int[] array;
   array = int[2];
C. int array = new int[2];
D. int array [2] ;

- 9(26).

```
public static void main(String[] args) {
    String[] arr = {"A", "B", "C", "D"};
    for (int i = 0; i < arr.length; i++) {
        System.out.print(arr[i] + " ");
        if (arr[i].equals("C")) {
            continue;
        }
        System.out.println("Work done");
        break;
    }
}
```

What is the result?

A. A B C Work done
B. A B C D Work done
C. A Work done
D. Compilation fails

- 10(30).

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

What is the result?

A. 2 4
B. 0 2 4 6
C. 0 2 4
D. Compilation fails