

Solution Quiz 5 (A)

Name: _____

ID: _____

Q1. Write output also fill given table? (Some entries can be left blank)

(6 Points)

<pre>int a=1, b=2, c=3; for (;a<=4;a++){ ?ln (a+"-"+b+"-" +c); b=b+a; c=c-b; }</pre>	Output:
	1-2-3
	2-3-0
	3-5- -5
	4-8- -13

Q2. Write output also fill given table? (Some entries can be left blank)

(6 Points)

<pre>int i,j; for (i=1;i<=2;i++){ System.out.print(i+":"); for (j=1;j<=3;j++) System.out.print(i*j+" "); System.out.println(); }</pre>	Output:
	1:1 2 3 2:2 4 6

Q3. Write code to show output given on right hand side using nested loop?

(6 Points)

```
for (i=1;i<=5;i++){
    for (j=1;j<=5;j++)
        if (j==6-i)
            System.out.print("* ");
        else
            System.out.print(j+" ");
    System.out.println();
}
```

```
1 2 3 4 *
1 2 3 * 5
1 2 * 4 5
1 * 3 4 5
* 2 3 4 5
```

Solution Quiz 5 (B)

Name: _____

ID: _____

Q1. Write output also fill given table? (Some entries can be left blank)

(6 Points)

<pre>int a=5, b=3, c=1; for (;c<=4;c++){ ?ln (a+": "+b+": " +c); a=a-b; b=b+c; }</pre>	Output:
	5:3:1
	2:4:2
	-2:6:3
	-8:9:4

Q2. Write output also fill given table? (Some entries can be left blank)

(6 Points)

<pre>int i,j; for (i=1;i<=3;i++){ System.out.print(i+">"); for (j=1;j<=2;j++) System.out.print(j*2+" "); System.out.println(); }</pre>	Output:
	1>2 4
	2>2 4
	3>2 4

By virtue of my creator I have not did any cheating solving this quiz _____

(Signature)

Q3. Write code to show output given on right hand side using nested loop?

(6 Points)

```
for (i=1;i<=4;i++){
    for (j=1;j<=4;j++,k++)
        System.out.print(k+" ");
    System.out.println();
}
```

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

Solution Quiz 5 (C)

Name: _____

ID: _____

Q1. Write output also fill given table? (Some entries can be left blank)

(6 Points)

```
int x=3, y=4, z=8;
for ( ;y>=0;y--){
    ?ln (x+", "+y+", " +z);
    x=x+y;
    z=z-2;
}
```

Output:

3:4:8
7:3:6
10:2:4
12:1:2
13:0:0

Q2. Write output also fill given table? (Some entries can be left blank)

(6 Points)

```
int i,j;
for (i=1;i<=4;i=i+2){
    System.out.print("->");
    for (j=1;j<=3;j++)
        System.out.print(j+" "+i+" ");
    System.out.println();
}
```

Output:

->1 1 2 1 3 1
->1 3 2 3 3 3

Q3. Write code to show output given on right hand side using nested loop?

(6 Points)

```
for (i=1;i<=5;i++){
    for (j=1;j<=5;j++)
        if (i==j)
            System.out.print("* ");
        else
            System.out.print(j+" ");
    System.out.println();
}
```

*	2	3	4	5
1	*	3	4	5
1	2	*	4	5
1	2	3	*	5
1	2	3	4	*

By virtue of my creator I have not did any cheating solving this quiz _____

(Signature)