

### Solution Quiz 4 (A)

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

(6 Points)

<pre>int t=7, c=1; while (c&lt;=5){     ? ( t*c + " "); ? means System.out.print     c=c+1; } <b>output:</b> 7 14 21 28 35 42</pre>	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th>t</th><th>c</th></tr> <tr><td>7</td><td>1</td></tr> <tr><td>7</td><td>2</td></tr> <tr><td>7</td><td>3</td></tr> <tr><td>7</td><td>4</td></tr> <tr><td>7</td><td>5</td></tr> <tr><td>7</td><td>6</td></tr> </table>	t	c	7	1	7	2	7	3	7	4	7	5	7	6
t	c														
7	1														
7	2														
7	3														
7	4														
7	5														
7	6														

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

(6 Points)

<pre>String s1 = "^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^"; String s2 = "#####"; for (i=1,j=2;i&lt;=3;i=i+1, j=j+i)     ? ( s1.substring(i,j)+s2.substring(0,j)); <b>output:</b> ^## ^^##### ^^^#####</pre>	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th>i</th><th>j</th></tr> <tr><td>1</td><td>2</td></tr> <tr><td>2</td><td>4</td></tr> <tr><td>3</td><td>7</td></tr> <tr><td>4</td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>	i	j	1	2	2	4	3	7	4					
i	j														
1	2														
2	4														
3	7														
4															

**Q3.** Write code to print 1 to 100 leaving all numbers having same digits like 11, 22, 33, ...? (use loop) (6 Points)

```
for (i=1;i<=100;i++)
    if (i%11!=0)
        ? (i+" ");
```

### Solution Quiz 4 (B)

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

(6 Points)

<pre>int p=6, q=5; while (p&gt;1){     ? ( p*q + " "); ? means System.out.print     p=p-1; } <b>output:</b> 30 25 20 15 10</pre>	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th>p</th><th>q</th></tr> <tr><td>6</td><td>5</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>4</td><td>5</td></tr> <tr><td>3</td><td>5</td></tr> <tr><td>2</td><td>5</td></tr> <tr><td>1</td><td>5</td></tr> </table>	p	q	6	5	5	5	4	5	3	5	2	5	1	5
p	q														
6	5														
5	5														
4	5														
3	5														
2	5														
1	5														

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

(6 Points)

<pre>String s1 = "-----"; String s2 = "//////////"; for (i=2,j=1;i&lt;=9;i=i+j,j=j+1)     System.out.println ( s1.substring(0,i)+s2.substring(j,i)); <b>output:</b> --/ ---/ ----// -----////</pre>	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr><th>i</th><th>j</th></tr> <tr><td>2</td><td>1</td></tr> <tr><td>3</td><td>2</td></tr> <tr><td>5</td><td>3</td></tr> <tr><td>8</td><td>4</td></tr> <tr><td>12</td><td>5</td></tr> <tr><td></td><td></td></tr> </table>	i	j	2	1	3	2	5	3	8	4	12	5		
i	j														
2	1														
3	2														
5	3														
8	4														
12	5														

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

(Signature)

**Q3.** Write code to print 5 to 250 leaving all numbers having second digit 0 like 10, 20, 30, ...? (use loop) (6 Points)

```
for (i=5;i<=250;i++)
    if (i%10!=0)
        ? (i+" ");
```

**Solution Quiz 4 (C)**

**Q1.** Write output also fill given table? (Some entries can be left blank) (6 Points)

<pre>int m=2, n=6; while (m&lt;7){     ? ( m*n +" "); ? means System.out.print     n=n-1;     m=m-1; }</pre> <p><b>output:</b> 12 15 16 12</p>	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">m</td> <td style="padding: 2px 10px;">n</td> </tr> <tr> <td style="padding: 2px 10px;">2</td> <td style="padding: 2px 10px;">6</td> </tr> <tr> <td style="padding: 2px 10px;">3</td> <td style="padding: 2px 10px;">5</td> </tr> <tr> <td style="padding: 2px 10px;">4</td> <td style="padding: 2px 10px;">4</td> </tr> <tr> <td style="padding: 2px 10px;">5</td> <td style="padding: 2px 10px;">3</td> </tr> <tr> <td style="padding: 2px 10px;">6</td> <td style="padding: 2px 10px;">2</td> </tr> <tr> <td style="padding: 2px 10px;">7</td> <td style="padding: 2px 10px;">1</td> </tr> </table>	m	n	2	6	3	5	4	4	5	3	6	2	7	1
m	n														
2	6														
3	5														
4	4														
5	3														
6	2														
7	1														

**Q2.** Write output also fill given table? (Some entries can be left blank) (6 Points)

<pre>String s1 = "*****"; String s2 = "+++++"; for (i=6,j=8;i&gt;1;i=i-2,j=j-1)     System.out.println ( s1.substring(0,i)+s2.substring(i,j));</pre> <p><b>output:</b> *****++ *****++ *****++</p>	<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">i</td> <td style="padding: 2px 10px;">j</td> </tr> <tr> <td style="padding: 2px 10px;">6</td> <td style="padding: 2px 10px;">8</td> </tr> <tr> <td style="padding: 2px 10px;">4</td> <td style="padding: 2px 10px;">7</td> </tr> <tr> <td style="padding: 2px 10px;">2</td> <td style="padding: 2px 10px;">6</td> </tr> <tr> <td style="padding: 2px 10px;">0</td> <td style="padding: 2px 10px;">5</td> </tr> <tr> <td style="padding: 2px 10px;"> </td> <td style="padding: 2px 10px;"> </td> </tr> <tr> <td style="padding: 2px 10px;"> </td> <td style="padding: 2px 10px;"> </td> </tr> </table>	i	j	6	8	4	7	2	6	0	5				
i	j														
6	8														
4	7														
2	6														
0	5														

**Q3.** Write code to print 15 to 55 all numbers having second digit 5 like 15, 25, 35, ...? (use loop) (6 Points)

```
for (i=15;i<=55;i=i+10)
    ? (i+" ");
```

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

(Signature)