

**Solution Quiz 3 (A)****Q1.** Write output line by line?

(10 Points)

```

int x=2, y=3, z=5;
if (x<y)
    System.out.println ("Two");
if (z<y)
    System.out.println ("One");
else
    System.out.println ("Three");
if (y+z==5)
    System.out.println ("S");
else if (y+z==6)
    System.out.println ("M");
else if (y+z==7)
    System.out.println ("B");
else if (y+z==8)
    System.out.println ("R");
else if (y+z==9)
    System.out.println ("G");
else if (y+z==10)
    System.out.println ("K");
if (x+y!=z)
    System.out.println ("U");
    System.out.println ("W");
if (y<3)
    System.out.println ("Y");
else{
    System.out.println ("E");
    if (x+y==z)
        System.out.println ("P");
    System.out.println ("L");
}

```

**Output:**

```

Two
Three
R
W
E
P
L

```

**Q2.** Complete given code. Program is to generate age between 20 and 60 using random number. Print generated age. If age less than 40 give message "Young" otherwise "Above Young"?

(10 Points)

```

int age;
//start    age = (int) (Math.random()*40+20);

        ? ("Age is:"+ age);

if (age<40)

        ? ("Young");

else

        ? ("Above Young");

```

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

**(Signature)**

**Solution Quiz 3 (B)**

Name: \_\_\_\_\_

ID: \_\_\_\_\_

**Q1.** Complete given code. Program is to generate marks between 30 and 90 using random number. Print generated marks. If marks less than 50 give message "Fail" otherwise "Pass"? (10 Points)

```

int marks;
//start marks = (int) (Math.random()*60+30);
? ("Marks:"+ marks);
if (marks <50)
    ? ("Fail");
else
    ? ("Pass");

```

**Q2.** Write output line by line?

(10 Points)

```

int x=3, y=7, z=4;
if (y<z)
    System.out.println ("Two");
if (z<y)
    System.out.println ("One");
else
    System.out.println ("Three");
    System.out.println ("Four");
if (z+x==y){
    System.out.println ("S");
    System.out.println ("J");
}
else
    System.out.println ("W");
    System.out.println ("E");
if (y+z==10)
    System.out.println ("M");
else if (y+z==11)
    System.out.println ("B");
if (x+y!=z)
    System.out.println ("U");
if (y<3)
    System.out.println ("Y");
else{
    System.out.println ("T");
    if (x+y==10)
        System.out.println ("D");
}

```

**Output:**

One  
Four  
S  
J  
E  
B  
U  
T  
D

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

(Signature)

## Solution Quiz 3 (C)

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Q1. Write output line by line?

(10 Points)

```

int x=2, y=3, z=5;
if (x<y)
    System.out.println ("Two");
if (z<y)
    System.out.println ("One");
else
    System.out.println ("Three");
if (y+z==5)
    System.out.println ("S");
else if (y+z==6)
    System.out.println ("M");
else if (y+z==7)
    System.out.println ("B");
else if (y+z==8)
    System.out.println ("R");
else if (y+z==9)
    System.out.println ("G");
else if (y+z==10)
    System.out.println ("K");
if (x+y!=z)
    System.out.println ("U");
    System.out.println ("W");
if (y<3)
    System.out.println ("Y");
else{
    System.out.println ("E");
    if (x+y==z)
        System.out.println ("P");
    System.out.println ("L");
}

```

**Output:**

```

Four
Three
C
F
M
Q
R

```

Q2. Complete given code. Program is to generate quantity between 5 and 25 using random number. Print generated quantity. If quantity is less than 20 give message "Large" otherwise "Small"?

(10 Points)

```

int qty;
//start    qty = (int) (Math.random()*20+5);
           ? ("Quantity:"+ qty);
           if (qty <20)
               ? ("Large");
           else
               ? ("Small");

```

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

(Signature)