**Code Analysis – 2D Arrays**

**Question 1 : Find and correct the errors in the code below for a program that outputs the contents of a 2D array in a table format:**

int[ ][ ] list = new int[ ][ ]{3,4,5,6} {6,7,6,5};

for (int x = 0; x < list.length(); x++) {

for (int y = 0; y < list[x].length(); y++){

System.out.println(list[x][y]+ " ");

}

System.out.println();

}

**Question 2: What is the content of list[ ][ ] after the following code is executed:**

public static void main (String[ ] args)

{

int[ ][ ] list = new int[3][4];

int z= 0;

for (int x = 0; x < list.length; x++) {

for (int y = 0; y < list[x].length; y++){

list[x][y] = ++z + y;

}

z++;

}

for (int x = 0; x < list.length; x++) {

for (int y = 0; y < list[x].length; y++){

System.out.print(list[x][y]+ " ");

}

System.out.println();

}

}