**For Loops - “Check for Understanding”**

**for**(**int** x = 3; x <11; x+=4)

 **for**(**int** y = 2; y < 8; y +=2)

 System.***out***.println(x + " " + y);

What is the output?

What is the output of the following fragment?

         for (int i = 0; i < 15; i++)

{
             if (i % 4 == 1) System.out.print(i + " ");
         }

What is the output of this program?

**for**(**int** a = 1; a < 4; a++)

{

 **for**(**int** b = 1; b < 5; b++)

 {

 **if**(a > b) System.***out***.println(a \*b);

 }

}

Write a for loop that will output all values in the following pattern. Do so without any condition statements.

1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048