

Review Test 5

1. Setup a trace table for the variables and state the output of the program.

```
class test5_1 {
    public static void main(String str[ ]) {
        int y = 0;
        for (int x = 1; x < 12; x += 3) {
            y = 2 * x + 1;
            System.out.print(y + "\t");
        }
        System.out.println( );
    }
}
```

x	y

2. Setup a trace table for the variables and state the output of the program.

```
class Exercise5_t2 {
    public static void main(String str[ ]) {
        int count = 0, result = 0;
        while ( count < 10) {
            if (count % 3 == 0) {
                result += count;
                System.out.print(result + "\t");
            }
            ++count;
        }
        System.out.println( );
    }
}
```


3. Setup a trace table for the variables and state the output of the program.

```
class Eresultercise5_t3 {
    public static void main(String str[]) {
        int result = 10;
        for (int x = 1; x < 10; x += 2) {
            if ( x % 3 == 1)
                result -= x + 2;
            else
                result--;
            System.out.print(result + "\t");
        }
        System.out.println( );
    }
}
```
