

Question 1:

```
public long factorial(long a) {  
    if(a <= 1) {  
        return 1;  
    }  
    return a * factorial(a-1);  
}
```

Is `if(a <= 1) { return 1;}` the base case?

True False

Question 2

```
public void draw() {  
    recurs(11);  
}
```

```
void recurs(int count){  
    if (count == 0){  
        Return;  
    } else {  
        System.out.print(count + " ");  
        int recount = count - 2;  
        recurs(recount);  
        return;  
    }  
}
```

Is `11 9 7 5 3 1` the output of the code above?

True False

Question 3:

```
public static void main(String[] args) {  
    System.out.println(recurs(10));  
}  
public static int recurs(int count){  
    if (count == 0){  
        return 0;  
    } else {  
        System.out.print(count + " ");  
        int recount = count - 2;  
        return recurs(recount);  
    }  
}
```

Is 10 8 6 4 2 0 the output of the code above?

True False

Question 4:

```
public static void main(String[] args) {  
    System.out.println(equation(8));  
}  
public static int equation(int a) {  
    if(a <= 5) {  
        return 12;  
    }else{  
        return equation(a-2) * equation(a-1);  
    }  
}
```

Is 1728 the output for the code above?

True False

