

Lesson 18:

Tracing Code

Tracing Code

Reading Code:

Tracing the loop

This means writing down what the loop does.

Tracing Code

Example

```
int num = 21;  
while (num < 33)  
{  
    System.out.println(num);  
    num++;  
}
```

What are the first and last values output?

Tracing Code

Example

```
int num = 21;  
while (num < 33)  
{  
    num++;  
    System.out.println(num);  
}
```

What are the first and last values output?

Tracing Code

Example

```
int num = 13475;
while (num != 0)
{
    num = num / 10;
    System.out.println(num);
}
```

What does this do?

Would this work if `num` was a double?