

Credit Name: CSE 2140 2nd Language Programming

Assignment Name: MathTutor Mastery

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

When I was writing the code for the 1-20 range I wrote this which gave me a range of 0-19:

```
int secretNumber = random.nextInt(20);
```

I realized my mistake after some research that `nextInt(n)` generates a range of $(0, n-1)$.

To fix this, all I had to do was shift the range up by 1:

```
int secretNumber = random.nextInt(20) + 1;
```