

Lab Goal : This lab was designed to teach you how to use a for loop.

Lab Description : Complete methods `isCoolNum(n)` && `countCoolNumbers(n)`. `isCoolNum(n)` will determine if a number is a cool number. A cool number is any number that has a remainder of 1 when divided by 3,4,5, and 6. `countCoolNumbers` will count the number of cool numbers between 6 and the parameter passed in.

Basic for loop syntax :

```
for(int x=5; x<200; x=x+20)
{
    //do something
}
```

Files Needed ::

`CoolNumbers.java`
`Lab08a.java`

Sample Output :

```
5 cool numbers between 6 - 250
21 cool numbers between 6 - 1250
38 cool numbers between 6 - 2250
92 cool numbers between 6 - 5500
159 cool numbers between 6 - 9500
392 cool numbers between 6 - 23500
542 cool numbers between 6 - 32500
```