

Notes on the guideline for the quadratic probing:

$i = 0$, k = the compressed hash code (key value % size of the dynamic array)

```
while(hashTableArray[(k + c1 * i + c2 * i^2) % n] != "whatever the default value is"){  
    //code  
}
```

$C1 = 0$

$C2 = 0$

These are the values and the formula that my professor wants for the code

Also, he wants us to check whether the array needs to be resized BEFORE inserting a value into the array