

Write a function in cpp that will find and display all of the prime factors of a given number. You may use the flowchart that you created for this assignment earlier this semester.

[https://www.harding.edu/dsteil/170/class\\_resources/homework/prime\\_factors.pdf](https://www.harding.edu/dsteil/170/class_resources/homework/prime_factors.pdf)

The main function in your program should look like this:

```
#include<iostream>
using namespace std;

//your function goes here

void main()
{
    int n;
    cin >> n;
    displayPrimeFactors(n);
}
```