## Design;

- 1. Get a number from user.
- 2. Calculate number of threads. (random between 3 and 5)
- 3. Allocate memory for the array and negate it.
- 4. Check primeness of numbers which are less then the number.
  - Divide numbers to previous prime numbers. If the number is not divisible none of them, the number is prime.
- 5. Print prime numbers. (in the pdf file it does not say threads have to print their prime numbers. We recorded prime numbers and which thread calculated it to a array, and after all calculations are finished, main thread prints the prime numbers and threads.)

Number: 50 Number of working threads: 4

Number: 100

Number of working threads: 4

```
#include <stdio.h>
#include <stdiio.h>
#include <tidiio.h>
#include <tidiio.h

#include <td>#include #include #incl
```

Number: 500

Number of working threads: 4

Number: 121

Number of working threads: 5

```
| #Include <stdio.h>
| #Include <stdio.h
| #Include
```

## Number: 70 Number of working threads: 3