

Problem38 : Count how many prime no. are there between 1 and 500.

Code :

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

```
int main() {  
    int num, i;  
    int count = 0;  
  
    for(num = 2; num <= 500; num++) {  
        for(i = 2; i <= num / 2; i++) {  
            if(num % i == 0) {  
                break;  
            }  
        }  
        if(i > num / 2) {  
            count++;  
        }  
    }  
}
```

```
printf("Count = %d\n", count);
```

```
    return 0;  
}
```

Output:

Count = 95