

Experiment 6-4

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

```
int ISPRIME (int num) {  
    if (num <= 1)  
        return 0;
```

```
    for (int i = 2; i <= num / 2; i++) {  
        if (num % i == 0)  
            return 0;
```

```
    }
```

```
    return 1;
```

```
}
```

```
int main() {  
    int start, end;
```

```
    printf("----- Prime Number Generator ----- \n");
```

```
    printf("Enter starting number: ");
```

```
    scanf("%d", &start);
```

```
    printf("Enter ending number: ");
```

```
    scanf("%d", &end);
```

```
    printf("\n Prime numbers between %d and %d are:  
           \n", start, end);
```

Remarks:

Teacher's Signature \_\_\_\_\_



```
for (int i = start start; i <= end; i++) {
```

```
    if (ISPRIME(i))  
        printf("%d", i);
```

```
}
```

```
    printf("\n");
```

```
    return 0;
```

```
}
```

Remarks:

Teacher's Signature \_\_\_\_\_

