

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

```
int main(){
```

```
    int num,i,count,n;
```

```
    printf("Enter max range: ");
```

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

```
    for(num = 1;num<=n;num++){
```

```
        count = 0;
```

```
        for(i=2;i<=num/2;i++){
```

```
            if(num%i==0){
```

```
                count++;
```

```
                break;
```

```
            }
```

```
        }
```

```
        if(count==0 && num!= 1)
```

```
            printf("%d ",num);
```

```
    }
```

```
    return 0;
```

```
}
```

OUTPUT:

Enter max range: 50

2 3 5 7 11 13