

Aim: WAP to find all the prime numbers between two numbers.

Name: Jeevan Poojary

UIN: 241A028

Roll no: 24

DIV: A

Branch: AI & DS

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

```
int isPrimeNumber(int num);
```

```
int isPrimeNumber(int num){int i;
```

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

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

```
            return 0;
```

```
        }
```

```
    }
```

```
    return 1;
```

```
}
```

```
int main(){
```

```
    int start_num,end_num,i;
```

```
    printf("\t\t\t *** Prime Number Finder *** \n\n");
```

```
    printf("Enter Starting Number:");
```

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

```
    printf("Enter Ending Number:");
```

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

```
    i = start_num<=1?2:start_num;
```

```
    printf("Prime Numbers between %d and %d are:", start_num,end_num);
```

```
    while(i<= end_num){
```

```
        if(isPrimeNumber(i)){
```

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

```
        }
```

```
        i++;
```

```
    }
```

```
    return 0;
```

```
}
```