



main.c

Output



```
1  #include <stdio.h>
2
3  int main() {
4      int low, high, i, flag;
5
6      printf("Enter two numbers
7              (intervals): ");
8      scanf("%d %d", &low, &high);
9
10     printf("Prime numbers between %d
11            and %d are: ", low, high);
12
13     for (int num = low; num <= high;
14          num++) {
15         if (num < 2)
16             continue; // Skip numbers
17                        // less than 2
18
19         flag = 0; // Assume num is
20                  // prime
21         for (i = 2; i <= num / 2; i++)
22             {
23                 if (num % i == 0) {
24                     flag = 1; // Not prime
25                     break;
26                 }
27             }
28     }
```

Run



main.c

Output



```
        (intervals): ");
7      scanf("%d %d", &low, &high);
8
9      printf("Prime numbers between %d
        and %d are: ", low, high);
10
11     for (int num = low; num <= high;
        num++) {
12         if (num < 2)
13             continue; // Skip numbers
                        less than 2
14
15         flag = 0; // Assume num is
                        prime
16         for (i = 2; i <= num / 2; i++)
17             {
18                 if (num % i == 0) {
19                     flag = 1; // Not prime
20                     break;
21                 }
22
23                 if (flag == 0)
24                     printf("%d ", num);
25             }
26
27     return 0;
28 }
```

Run



main.c

Output



```
Enter two numbers (intervals): 10 30
Prime numbers between 10 and 30 are: 11 13
17 19 23 29
```

```
=== Code Execution Successful ===
```