```c
#include <stdio.h>
void main()
{
    int low, high, i, flag;
    printf("Enter two intervals: ");
    scanf("%d %d", &low, &high);
    printf("Prime numbers between %d and %d are: ", low, high);
    while (low < high)
    {
        flag = 0;

        if (low <= 1)
        {
            ++low;
            continue;
        }

        for (i = 2; i <= low / 2; ++i)
        {

            if (low % i == 0) {
                flag = 1;
                break;
            }
        }

        if (flag == 0)
            printf("%d ", low);

        ++low;
    }
}
```

```
Enter two intervals: 12
33
Prime numbers between 12 and 33 are: 13 17 19 23 29 31

...Program finished with exit code 33
Press ENTER to exit console.
```