

5.

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

```
int main()
```

```
{
```

```
    int num1, num2, i, j, flag;
```

```
    printf("Enter two numbers: ");
```

```
    scanf("%d %d", &num1, &num2);
```

```
    printf("Prime numbers between %d and  
    %d are:\n", num1, num2);
```

```
    for (i = num1 + 1; i < num2; ++i)
```

```
    {
```

```
        flag = 0;
```

```
        for (j = 2; j <= i / 2; ++j)
```

```
        {
```

```
            if (i % j == 0)
```

```
            {
```

```
                flag = 1;
```

```
                break;
```

```
            }
```

```
        }
```

```
        if (flag == 0)
```

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

```
        }
```

```
    return 0;
```

```
}
```