

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

```
int main() {
```

```
    int i, j, n;
```

```
    printf("Enter a number (N): ");
```

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

```
    printf("Prime numbers between 1 and %d are: ", n);
```

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

```
        int isPrime = 1;
```

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

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

```
                isPrime = 0;
```

```
                break;
```

```
            }
```

```
        }
```

```
        if (isPrime)
```

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

```
}
```

```
return 0;
```

```
}
```