

```
main()
{
    int n, c;

    printf("Enter a number\n");
    scanf("%d", &n);

    if ( n == 2 )
        printf("Prime number.\n");
    else
    {
        for ( c = 2 ; c <= n - 1 ; c++ )
        {
            if ( n % c == 0 )
                break;
        }
        if ( c != n )
            printf("Not prime.\n");
        else
            printf("Prime number.\n");
    }
    return 0;
}
```