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/* Program to Find Whether the Given Number is a Prime Number */

#include <stdio.h>

main()
{
    int n, i;

    printf("\nEnter any number: ");
    scanf("%d", &n);

    for (i=2; i<n; i++)
        if (n%i == 0)
        {
            printf("\n\n%d is not a prime number\n", n);
            break;
        }

    if (i >= n)
        printf("\n\n%d is a prime number\n", n);

    getch();
}
```