#include <stdio.h>

int isPrime(int num) {

    if (num <= 1) return 0;

    for (int i = 2; i \* i <= num; i++) {

        if (num % i == 0) return 0;

    }

    return 1;

}

int main() {

    int num;

    printf("Enter a number: ");

    scanf("%d", &num);

    if (isPrime(num))

        printf("%d is a prime number.\n", num);

    else

        printf("%d is not a prime number.\n", num);

    return 0;

}

