#include <stdio.h>

int main() {

int num, i, flag = 0;

printf("Enter a number: ");

scanf("%d", &num);

for (i = 2; i <= num / 2; ++i) {

if (num % i == 0) {

flag = 1;

break;

}

}

if (flag == 0)

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

else

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

return 0;

}

