# include<stdio.h>

# include<stdbool.h>

void main()

{

int num;

bool flag=0;

printf("enter your number");

scanf("%d",&num);

for(int i=2;i<num-1;i++)

{

if(num%i==0)

{

printf("number is not prime %d",num);

flag=1;

break;

}

}

if(flag==0)

{

printf("number is prime %d",num);

}

}