#include<stdio.h>

int main()

{

int c, n, count=0;

printf("Enter the number: ");

scanf("%d", &n);

for(c=1;c<=n; c++)

{

if((n%c)==0)

{

count++;

}

}

if(count==2)

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

else

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

return 0;

}