#include<stdio.h>

#include<conio.h>

int main()

{

int num,i=1,j,k;

clrscr();

printf("\nEnter a number:");

scanf("%d",&num);

while(i<=num)

{

k=0;

if(num%i==0)

{

j=1;

while(j<=i)

{

if(i%j==0)

{

k++;

}

j++;

}

if(k==2)

printf("\n%d is a prime factor",i);

}

i++;

}

getch();

}