#include<stdio.h>

int main()

{

int n,i,j,num=0,k;

printf("enter a number");

scanf("%d",&n);

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

{

k=0;

for(j=1;j<=i;j++)

{

if(i%j==0)

k++;

}

if(k==2)

{

num++;

printf("%d ",i);

}

}

printf("Total prime numbers upto given number is %d",num);

}

Result:

enter a number 50

2 3 5 7 11 13 17 19 23 29 31 37 41 43 47

Total prime numbers upto given number is 15