#include<stdio.h>

#include<math.h>

int main()

{

int num,square\_root,prime,count=0,leap=1;

for(num=101;num<=200;num++)

{

square\_root=sqrt(num);

for(int i=2;i<=square\_root;i++)

{

if(num%i==0)

{

leap=0;

break;

}

}

if(leap)

{

printf("%-4d",num);

count++;

if(count%10==0)

printf("\n");

}

leap=1;

}

printf("\n The total is %d\n",count);

return 0;

}