public class Exp1JAVAPrime {

public static void main(String[] args) {

int i,j, factor;

for(i=1;i<=50;i++)

{

factor=0;

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

{

if(i%j==0)

factor++;

}

if(factor==2)

System.out.println(i);

}

}

}