**DOCUMENTATION**

import java.util.\*;

class PrimeAdam

{

Scanner sc=new Scanner(System.in);

int M,N;

PrimeAdam(int M1, int N2)

{

M=M1;

N=N2;

}

boolean isPrime(int no)

{

int c=0;

for(int i=1;i<=no;i++)

{

if(no%i==0)

c++;

}

if(c==2)

return true;

else

return false;

}

int Reverse(int num)

{

int r;

int rev=0;

while(num!=0)

{

r=num%10;

rev=rev\*10+r;

num=num/10;

}

return rev;

}

boolean isAdam(int number)

{

int reverse=Reverse(number);

int sq=number\*number;

int sqrev=Reverse(number)\*Reverse(number);

if(Reverse(sq)==sqrev)

return true;

else

return false;

}

void Generate()

{

int freq=0;

for(int i=M;i<=N;i++)

{

if(isPrime(i) && isAdam(i))

{

freq++;

System.out.print(i+",");

}

}

if(freq==0)

System.out.println("NIL");

System.out.println("FREQUENCY OF PRIME ADAM INTEGERS ARE:" +freq);

}

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

System.out.print("INPUT:");

System.out.println("M=");

int m=sc.nextInt();

System.out.println("N=");

int n=sc.nextInt();

if(m>0 && n>0 && m<n)

{

PrimeAdam obj=new PrimeAdam(m,n);

obj.Generate();

}

}

}