import java.util.\*;

import java.io.\*;

public class file

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

try

{

File myfile=new File("filename.txt");

if(myfile.createNewFile())

{

System.out.println("FILE CREATED");

}

else

{

System.out.println("FILE ALREADY EXIST !!");

}

}

catch(Exception e)

{

System.out.println(e);

}

try

{

FileWriter fwrite=new FileWriter("filename.txt");

int num;

System.out.print("ENTER THE STRING(numeral) TO INPUT TO FILE = ");

num=sc.nextInt();

fwrite.write(num);

fwrite.close();

}

catch(Exception f)

{

System.out.println(f);

}

try

{

FileReader fread=new FileReader("filename.txt");

int prime;

prime=fread.read();

fread.close();

int flag=0;

int m=prime/2;

for(int i=2;i<=m;i++)

{

if((prime%i)==0)

{

flag=1;

}

}

if(flag==0)

System.out.println(prime+" is PRIME");

else

System.out.println(prime+" is NOT PRIME");

}

catch(Exception g)

{

System.out.println(g);

}

}

}

