import java.util.Scanner;  
import java.io.File;  
import java.io.FileNotFoundException;  
  
public class test  
{  
 public static void main(String[] args)throws FileNotFoundException  
 {  
 File folder = new File("C:/Users/Nisha Dangol/Desktop/Phage project/Rhodococus");  
 File[] listOfFiles = folder.listFiles();  
   
 int counter = 0;  
   
 for (File file : listOfFiles) {  
 if (file.isFile()) {  
 counter += 1;  
 System.out.println(file.getName());  
 }  
 }   
   
 System.out.print(counter);   
   
 }  
}

**reads the name of file from a folder.**

//importing java classes  
  
import java.util.Scanner;  
import java.io.File;  
import java.io.PrintWriter;  
import java.io.FileNotFoundException;  
  
public class Test  
{  
 public static void main(String[] args)throws FileNotFoundException  
 {   
 //opening the folder named cuts-folder  
 File folder = new File("C:/Users/Nisha Dangol/Desktop/Phage project/cuts-folder");  
   
 //creating file array named listOfFiles which stores all the files in the folder cuts-folder  
 File[] listOfFiles = folder.listFiles();  
   
 //creating variable for printWriter object  
 PrintWriter outfile = new PrintWriter("AllCutPoints.txt");  
   
 //for each file in listOfFiles  
 for (File each : listOfFiles) {  
   
 //if each file is file type  
 if (each.isFile()) {  
   
 for (int a = 0; a<listOfFiles.length; a++)  
 {  
 Scanner in = new Scanner(listOfFiles[a]);  
   
 //getting name of the file  
 String fullPhageName = listOfFiles[a].getName();  
   
 //cutting the name to remove ".txt"  
 String requiredPhageName = fullPhageName.substring(0,fullPhageName.length()-4);  
   
 //writing the name in the file  
 outfile.printf("%4s%n",requiredPhageName);  
   
 //after opening the file, if it has next line  
 while(in.hasNextLine())  
 {  
 int counter = 0;   
   
 //sentence variable stores the line  
 String sentence = in.nextLine();  
   
 int i = 0;  
   
 for (i = 0; i<sentence.length(); i++)  
 {  
 //char type variable stores each characters in a line  
 char characters = sentence.charAt(i);  
   
 if (characters == 'H')  
 {   
 //try the following code   
 try  
 {  
   
 String word = sentence.substring(i,i+6);  
   
 if (word.equals("HinP1I"))  
 {  
 counter++;  
 String numbers = "";//putting number variable as empty string  
   
 for(int n = 0; n<sentence.length();n++)  
 {  
   
 char c = sentence.charAt(n);//again storing each character in a line in variable 'c'  
   
   
 if (Character.isDigit(c))  
 {  
   
 numbers = numbers + c; //add the digit character in a string variable named number  
   
 }  
   
   
 }  
   
 String requiredNumber = numbers.substring(0,numbers.length()-1); //then cutting the number to remove the digit from HINP1I   
 outfile.printf("%1s%n",requiredNumber);  
   
 }  
 }   
   
 catch(StringIndexOutOfBoundsException exception)//if this exception is found, do nothing  
 {  
   
 }   
 }  
 }  
   
 }  
 in.close();//closing scanner  
 outfile.printf("%1s%n%n"," ");  
   
 }   
   
 }  
   
 }   
 outfile.close();//closing outfile  
 }  
}