

```

1 import java.io.*;
2 class ReadFile{
3     public static int isLowerCase(int chr){
4         if(chr>=97 && chr<=122)
5             return 1;
6         else
7             return 0;
8     }
9     public static int isUpperCase(int chr){
10        if(chr>=65 && chr<=90)
11            return 1;
12        else
13            return 0;
14    }
15    Run | Debug
16    public static void main(String[] args) throws IOException{
17        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
18        int i;
19        int j;
20        System.out.println(x: "Enter a file of your choice: ");
21        String path = br.readLine();
22        int[] F_Upper=new int[26];
23        int[] F_Lower=new int[26];
24        for(i=0;i<26;i++){
25            F_Upper[i]=0;
26            F_Lower[i]=0;
27        }
28        FileReader reader = new FileReader(path);
29        int c;
30        while((c=reader.read())!=-1){
31            if (isLowerCase(c)==1){
32                F_Lower[c-97]++;
33            }
34            if(isUpperCase(c)==1){
35                F_Upper[c-65]++;
36            }
37        }
38        for (j=0;j<26;j++){
39            System.out.println(" The frequency of " +(char)(j+97)+ " is "+F_Lower[j]);
40            System.out.println(" The frequency of " +(char)(j+65)+ " is "+F_Upper[j]);
41        }
42    }

```

Windows PowerShell
 版权所有 (C) Microsoft Corporation。保留所有权利。

安装最新的 PowerShell，了解新功能和改进！ <https://aka.ms/PSWindows>

PS C:\Users\YangYiShu> & 'C:\Program Files\Java\jdk-17.0.4.1\bin\java.exe' '-agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:55316' '-XX:+s
 howCodeDetailsInExceptionMessages' '-cp' 'C:\Users\YangYiShu\AppData\Local\Temp\vscodesws_4bc30\jdt_ws\jdt.ls-java-project\bin' 'ReadFile'

Enter a file of your choice:

C:\Users\YangYiShu\Desktop\abcd(test_file).txt

The frequency of a is 3
 The frequency of A is 3
 The frequency of b is 1
 The frequency of B is 1
 The frequency of c is 1
 The frequency of C is 1
 The frequency of d is 2

The frequency of D is 2
 The frequency of e is 0
 The frequency of E is 0
 The frequency of f is 0
 The frequency of F is 1
 The frequency of g is 1
 The frequency of G is 1
 The frequency of h is 3
 The frequency of H is 3
 The frequency of i is 0
 The frequency of I is 0
 The frequency of j is 1
 The frequency of J is 1
 The frequency of k is 1
 The frequency of K is 1
 The frequency of l is 1

The frequency of L is 2
 The frequency of m is 1
 The frequency of M is 1
 The frequency of n is 0
 The frequency of N is 0
 The frequency of o is 0
 The frequency of O is 0
 The frequency of p is 0
 The frequency of P is 0
 The frequency of q is 0
 The frequency of Q is 0
 The frequency of r is 0
 The frequency of R is 0
 The frequency of s is 0
 The frequency of S is 0
 The frequency of t is 0

The frequency of T is 0
 The frequency of u is 4
 The frequency of U is 4
 The frequency of v is 1
 The frequency of V is 1
 The frequency of w is 0
 The frequency of W is 0
 The frequency of x is 0
 The frequency of X is 0
 The frequency of y is 0
 The frequency of Y is 0
 The frequency of z is 1
 The frequency of Z is 1

PS C:\Users\YangYiShu>