

```
import java.io.*;
class TestFile1
{
    public static void main(String[] args) throws IOException
    {
        File f= new File("data.txt");
        System.out.println("File Exists or not: "+ f.exists());
        f.createNewFile();
        System.out.println("Now File Exists or not: "+ f.exists());
    }
}
```

C:\ Select C:\Windows\system32\cmd.exe

```
File Exists or not: false
Now File Exists or not: true
Press any key to continue . . .
```

### Second Time when you run:-

```
import java.io.*;
class TestFile1
{
    public static void main(String[] args) throws IOException
    {
        File f= new File("data.txt");
        System.out.println("File Exists or not: "+ f.exists());
        f.createNewFile();
        System.out.println("Now File Exists or not: "+ f.exists());
    }
}
```

C:\ Windows\system32\cmd.exe

```
File Exists or not: true
Now File Exists or not: true
Press any key to continue . . .
```

```
import java.io.*;
class TestDir
{
    public static void main(String[] args) throws IOException
    {
        File f= new File("sscl23");
        System.out.println("File Exists or not: "+ f.exists());
        f.mkdir();
        System.out.println("Now File Exists or not: "+ f.exists());
    }
}
```

C:\Windows\system32\cmd.exe

```
File Exists or not: false
Now File Exists or not: true
Press any key to continue . . .
```

```
import java.io.*;
class TestDir
{
    public static void main(String[] args) throws IOException
    {
        File f= new File("sscl23");
        System.out.println("File Exists or not: "+ f.exists());
        f.mkdir();
        System.out.println("Now File Exists or not: "+ f.exists());
    }
}
```

C:\Windows\system32\cmd.exe

```
File Exists or not: true
Now File Exists or not: true
Press any key to continue . . .
```

EditPlus - [D:\JAVA\New\_Progs\TestFile2.java]

File Edit View Search Document Project Tools Browser Window Help

ABC A B Hx W TAB LOG ✓ | ?

Directory Cliptext

[D:] New Volume ▾

D:\ JAVA New\_Progs Clock db JumpingBox

AdapterExample.java AnimDemo.java applet\_thread.java applet\_thread1.java AppletApplication.java arraylistdemo.java AudioDemo.java ButtonExample.java C1.java Calling.java client.java ConstInfo.java Day.java Demo.java Demo1.java DemoClass.java DemoSwing.java Demothis.java Employees.java EmpSortDemo.java EnumDemo1.java eventdemo.java EventDriven.java eventtest.java

Java (\*.java) ▾

Java (\*.java) ▾

TestFile2.java

```
1 import java.io.*;
2 class TestFile2
3 {
4     public static void main(String[] args) throws IOException
5     {
6         int count=0;
7         File f= new File("D:\\java");
8         String []s = f.list();
9         for(String str : s)
10        {
11            count++;
12            System.out.println(str);
13        }
14        System.out.println("The Total Number : "+count);
15    }
16 }
17 }
18 
```

C:\Windows\system32\cmd.exe

TreeSetExample.class  
TreeSetExample.java  
TreeSetExample.java.bak  
WriteTest.class  
WriteTest.java  
WriteTest.java.bak  
The Total Number : 117  
Press any key to continue . . .



The screenshot shows the EditPlus IDE interface. On the left, there's a file browser with a tree view of files and folders. The main area has two tabs: one for the Java code and another for the output of the executed code.

**Main Editor Content:**

```
1 import java.io.*;
2 class FileWriterTest1
3 {
4     public static void main(String[] args) throws IOException
5     {
6         FileWriter fw= new FileWriter("abc.txt");
7         fw.write(50); //ASCII/UNICODE Character of 50
8         fw.write("rogramming\n in java.");
9         fw.write("\n");
10        char []ch={'a','b','c'};
11        fw.write(ch);
12        fw.write("\n");
13        fw.flush();
14        fw.close();
15    }
16 }
17 }
```

**Output Terminal Window:**

```
1 2rogramming
2  in java.
3 abc
4 |
```



EditPlus - [D:\JAVA\New\_Progs\FileReaderTest1.java]

File Edit View Search Document Project Tools Browser Window Help

Directory Cliptext

[D:] New Volume

D:\ JAVA New\_Progs Clock db JumpingBox

AdapterExample.java AnimDemo.java applet\_thread.java applet\_thread1.java AppletApplication.java arraylistdemo.java AudioDemo.java ButtonExample.java C1.java Calling.java client.java ConstInfo.java Day.java Demo.java Demo.java Demo1.java DemoClass.java DemoSwing.java Demothis.java Employees.java EmpSortDemo.java EnumDemo1.java eventdemo.java EventDriven.java eventtest.java

Java (\*.java)

FileReaderTest1.j

For Help, press F1

1  
2 import java.io.\*;  
3 class FileReaderTest1  
4 {  
5 public static void main(String[] args) throws IOException  
6 {  
7 FileReader fr= new FileReader("abc.txt");  
8 int i=fr.read();  
9 System.out.println("Contents of file abc.txt: ");  
10 while(i != -1)  
11 {  
12 System.out.print((char)i);  
13 i=fr.read();  
14 }fr.close();  
15 }  
16 }  
17

C:\Windows\system32\cmd.exe

Contents of file abc.txt:  
2rogramming  
in java.  
abc  
Press any key to continue . . .

The screenshot shows the EditPlus IDE interface. The left pane displays a file tree and a list of Java files. The main pane shows the code for 'FileReaderTest1.java'. The right pane shows a terminal window with the output of running the program, which reads the contents of 'abc.txt' and prints them to the console. The taskbar at the bottom shows various application icons.

The screenshot shows the EditPlus IDE interface with the following details:

- Title Bar:** EditPlus - [D:\JAVA\New\_Progs\FileReaderTest2.java]
- Menu Bar:** File, Edit, View, Search, Document, Project, Tools, Browser, Window, Help
- Toolbar:** Includes icons for Save, Open, Find, Replace, Copy, Paste, Cut, Undo, Redo, and others.
- Left Panel:** Shows a file tree under [D:] New Volume:
  - D:\
  - JAVA
  - New\_Progs (selected)
  - Clock
  - db
  - JumpingBoxBelow it is a list of Java files:
  - AdapterExample.java
  - AnimDemo.java
  - applet\_thread.java
  - applet\_thread1.java
  - AppletApplication.java
  - arraylistdemo.java
  - AudioDemo.java
  - ButtonExample.java
  - C1.java
  - Calling.java
  - client.java
  - ConstInfo.java
  - Day.java
  - Demo.java
  - Demo1.java
  - DemoClass.java
  - DemoSwing.java
  - Demothis.java
  - Employees.java
  - EmpSortDemo.java
  - EnumDemo1.java
  - eventdemo.java
  - EventDriven.java
  - eventtest.javaFile type dropdown: Java (\*.java)
- Code Editor:** Displays the Java code for FileReaderTest2.java:

```
1 import java.io.*;
2 class FileReaderTest2
3 {
4     public static void main(String[] args) throws IOException
5     {
6         File f = new File("abc.txt");
7         FileReader fr= new FileReader(f);
8         char []ch = new char[(int)f.length()];
9         fr.read(ch);
10        for(char ch1: ch)
11        {
12            System.out.print(ch1);
13        }
14
15        System.out.println("*****");
16        FileReader fr1= new FileReader("abc.txt");
17        int i=fr1.read();
18        while(i != -1)
19        {
20            System.out.print((char)i);
21            i=fr1.read();
22        }
23        fr.close();
24    }
25 }
26 }
```
- Terminal:** Shows the output of the program:

```
c:\Windows\system32\cmd.exe
2programming
in java.
abc
*****
2programming
in java.
abc
Press any key to continue . . .
```



The screenshot shows the EditPlus IDE interface with the following details:

- Title Bar:** EditPlus - [D:\JAVA\New\_Progs\TestFile3.java]
- Menu Bar:** File, Edit, View, Search, Document, Project, Tools, Browser, Window, Help
- Toolbar:** Includes icons for New, Open, Save, Cut, Copy, Paste, Find, Replace, Undo, Redo, etc.
- Directory List:** Shows the file structure under [D:] New Volume:
  - D:\
  - JAVA
  - New\_Progs (selected)
  - Clock
  - db
  - JumpingBox
- Code Editor:** Displays the Java code for TestFile3.java:

```
1 import java.io.*;
2 class TestFile3
3 {
4     public static void main(String[] args) throws IOException
5     {
6         int count=0;
7         File f= new File("D:\\java");
8         String []s = f.list();
9         for(String str : s)
10        {
11            File f1 = new File(f, str);
12            if( f1.isFile() )
13            {
14                count++;
15                System.out.println(str);
16            }
17        }
18        System.out.println("The Total Number of Files : "+count);
19    }
20 }
21 }
```
- Output Window:** Shows the terminal output:

```
c:\ C:\Windows\system32\cmd.exe
TreeMapExample.java.bak
TreeSetExample.class
TreeSetExample.java
TreeSetExample.java.bak
WriteTest.class
WriteTest.java
WriteTest.java.bak
The Total Number of Files : 114
Press any key to continue . . .
```
- Status Bar:** In 14 col 14 22 00 PC ANSI
- Taskbar:** Shows icons for File Explorer, Task View, Edge, File Manager, Mail, File Explorer, Firefox, Word, Excel, and Cloud.
- System Tray:** Shows battery level, network status, and system time (05:44 26-05-2020).

EditPlus - [D:\JAVA\New\_Progs\TestFile4.java]

File Edit View Search Document Project Tools Browser Window Help

ABC A B Hx W TAB LOG ✓ ?

Directory Cliptext

[D:] New Volume

D:\ JAVA New\_Progs Clock db JumpingBox

AdapterExample.java AnimDemo.java applet\_thread.java applet\_thread1.java AppletApplication.java arraylistdemo.java AudioDemo.java ButtonExample.java C1.java Calling.java client.java ConstInfo.java Day.java Demo.java Demo1.java DemoClass.java DemoSwing.java Demothis.java Employees.java EmpSortDemo.java EnumDemo1.java eventdemo.java EventDriven.java eventtest.java

Java (\*.java)

TestFile4.java

For Help, press F1

```
1 import java.io.*;
2 class TestFile4
3 {
4     public static void main(String[] args) throws IOException
5     {
6         int count=0;
7         File f= new File("D:\\java");
8         String []s = f.list();
9         for(String str : s)
10        {
11            File f1 = new File(f, str);
12            if( f1.isDirectory() )
13            {
14                count++;
15            }
16            System.out.println(str);
17        }
18        System.out.println("The Total Number of Directories : "+count);
19    }
20 }
21 }
```

C:\Windows\system32\cmd.exe

books  
Graphs\_Pr  
New\_Progs  
The Total Number of Directories : 3  
Press any key to continue . . .

Type here to search

05:45 26-05-2020