



Package Explorer

- Filehandling
 - JRE System Library [JavaSE-17]
 - src
 - (default package)
 - CreateFile.java
- Project1
 - JRE System Library [JavaSE-17]
 - src
 - IO
 - Buffered.java
 - Buffered2.java
 - package-info.java
- Validation
 - JRE System Library [JavaSE-17]
 - src
 - string1
 - Validation.java
 - Validation
 - main(String[]): void
 - validate(String, String): boolean
 - validateanemail
 - ValidateAnEmail.java
- Validation1
 - JRE System Library [JavaSE-17]
 - src
 - (default package)
 - Test.java

Validation.java ValidateAnEmail.java CreateFile.java Test.java package-info.java Buffered.java Buffered2.java

```
1 package IO;
2 import java.io.*;
3 public class Buffered2 {
4
5     public static void main(String[] args) throws IOException {
6         // TODO Auto-generated method stub
7         FileReader fr=new FileReader("file1");
8         BufferedReader br=new BufferedReader(fr);
9
10        FileWriter fw=new FileWriter("file2");
11        BufferedWriter bw=new BufferedWriter(fw);
12        int ch;
13        do {
14            ch=br.read();
15            System.out.println((char)ch);
16            if(ch!=-1)
17                bw.write((char)ch);
18        }while(ch!= -1);
19        fr.close();
20        br.close();
21        fw.close();
22        bw.close();
23    }
24 }
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```

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```
1 package IO;
2 import java.io.*;
3 public class Buffered {
4
5     public static void main(String[] args) throws IOException {
6         BufferedReader br = new BufferedReader(
7             new FileReader("file1"));
8
9
10        BufferedWriter bw = new BufferedWriter(
11            new FileWriter("file3"));
12        int i;
13        do{
14            i = br.read();
15            if (i != -1) {
16
17                bw.write((char) i);
18            }
19        } while (i != -1);
20        br.close();
21        bw.close();
22        BufferedReader br1 = new BufferedReader(new FileReader("D:"+File.separator+"out.txt"));
23        do {
24            i = br1.read();
25            if (i != -1) {
26
27                System.out.print((char) i);
28            }
29        } while (i != -1);
30
31        br1.close();
32    }
33
34
35    // TODO Auto-generated method stub
36
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```

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Package Explorer ×

- > Filehandling
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- > Validation1

Validation.java

ValidateAnEmail.java

CreateFile.java

Test.java

package-info.java

Buffered.java

Buffered2.java

*Main.java ×

```
1 package IO;
2 import java.io.*;
3
4 public class Main {
5
6     Scanner strInput = new Scanner(System.in);
7     String choice, cont = "y";
8
9     while(cont.equalsIgnoreCase("y")) {
10         System.out.println("1==>Add New Employee Record ");
11         System.out.println("2==>View all Employee Record ");
12         System.out.println("3==>Delete Employee Record ");
13         System.out.println("4==>Search Specific Record ");
14         System.out.println("5==>Update Specific Record ");
15
16         System.out.print("\n\n");
17         System.out.println("Enter your choice: ");
18         choice = strInput.nextLine();
19
20         Object naldrixClass;
21         if(choice.equals("1")) {
22             naldrixClass.AddRecord();
23         } else if(choice.equals("2")) {
24             naldrixClass.ViewAllRecord();
25         } else if(choice.equals("3")) {
26             naldrixClass.DeleteRecordByID();
27         }
28         else if(choice.equals("4")) {
29             naldrixClass.SearchRecordByID();
30         }
31         else if(choice.equals("5")) {
32             naldrixClass.updateRecordByID();
33
34         System.out.println("Do you want to continue? Y/N");
35         cont = strInput.nextLine();
36     }
37 }
```

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Main2.java

```
8 public void updateRecord() throws IOException {
9     String newName, newAge, newAddr, record, ID, record2;
10
11     File tempDB=new File("naldrix_db.txt");
12     File db=new File("naldrix_db_temp.txt");
13
14     BufferedReader br = new BufferedReader( new FileReader(tempDB) );
15     BufferedWriter bw = new BufferedWriter( new FileWriter(db) );
16
17     Scanner strInput = new Scanner(System.in);
18
19     System.out.println("\t\t Update Employee Record\n\n");
20     System.out.println("Enter ID to be searched");
21     id=strInput.nextLine();
22     System.out.println("Enter ID to be searched");
23     newName=strInput.nextLine();
24     System.out.println("Enter ID to be searched");
25     newAge=strInput.nextLine();
26     System.out.println("Enter ID to be searched");
27     newAddr=strInput.nextLine();
28
29
30
31     while((record = br.readLine()) !=null) {
32         if(record2.contains(ID)) {
33             bw.write(ID+", "+newName+", "+newAge+", "+newAddr);
34         }else {
35
36             bw.write(record2);
37         }
38         bw.flush();
39         bw.newLine();
40     }
41     bw.close();
42     br.close();
43     db.delete();
44     boolean success = tempDB.renameTo(db);
45     System.out.println(success);
46
47
48 }
49
50
51
```

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```
1 package IO;
2
3 import java.util.Scanner;
4
5 public class Main3 {
6     Public void DeleteRecordByID()IOException {
7         Scanner strInput = new Scanner(System.in);
8         String ID, record;
9
10        File tempDB = new File("naldrix_db_temp.txt");
11        File db = new File("naldrix_db.txt");
12
13        BufferedReader br = new BufferedReader(new FileReader(db) );
14        BufferedWriter br = new BufferedWriter(new FileWriter( tempDB) );
15
16
17        System.out.println("\t\t Delete Employee Record\n");
18
19        System.out.println("Enter the Employee ID: ");
20        ID = strInput.nextLine();
21
22        while( ( record = br.readLine() ) != null ) {
23
24            if( ( record.contains(ID) )
25                continue;
26            bw.write(record);
27            bw.flush();
28            bw.newLine();
29        }
30        br.close();
31        bw.close();
32
33        db.delete();
34
35        ttempDB.renameTo(db)
36    }
37 }
38
```

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Package Explorer X

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```
1 package IO;
2
3 import java.util.Scanner;
4
5 public class Main3 {
6     Public void DeleteRecordByID()IOException {
7         Scanner strInput = new Scanner(System.in);
8         String ID, record;
9
10        File tempDB = new File("naldrix_db_temp.txt");
11        File db = new File("naldrix_db.txt");
12
13        BufferedReader br = new BufferedReader(new FileReader(db) );
14        BufferedWriter bw = new BufferedWriter(new FileWriter( tempDB) );
15
16
17        System.out.println("\t\t Delete Employee Record\n");
18
19        System.out.println("Enter the Employee ID: ");
20        ID = strInput.nextLine();
21
22        while( ( record = br.readLine() ) != null ) {
23
24            if( ( record.contains(ID) )
25                continue;
26            bw.write(record);
27            bw.flush();
28            bw.newLine();
29        }
30        br.close();
31        bw.close();
32
33        db.delete();
34
35        ttempDB.renameTo(db)
36    }
37 }
38
```

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