**Source code for File Handling:**

**package** simpli.learn.filehandling;

**import** java.util.Scanner;

**public** **class** FileHandling{

**public** **static** **void** main(String[] args) {

System.***out***.println("File operations\n");

System.***out***.println("1.Create a file\n 2.Write a file\n 3.Read a file \n 4.Append text to a file \n 5.Delete a file\n");

System.***out***.println("Choose a file operation");

Scanner sc = **new** Scanner(System.***in***);

**int** num = sc.nextInt();

**if**(num==1) {

CreateFile crtfil = **new** CreateFile();

crtfil.createfile();

}

**else** **if**(num==2) {

FileWrite filwrt = **new** FileWrite();

filwrt.filewrite();

}

**else** **if**(num==3) {

FileRead filrd = **new** FileRead();

filrd.fileread();

}

**else** **if**(num==4) {

FileAppend filapnd = **new** FileAppend();

filapnd.fileappend();

}

**else** **if**(num==5) {

FileDelete fildlt= **new** FileDelete();

fildlt.filedelete();

}

**else** {

System.***out***.println("You have entered a wrong choice");

}

}

}

**import** java.io.File;

**import** java.io.IOException;

**public** **class** CreateFile {

**public** **void** createfile() {

File myFile = **new** File("F:\\Mphasis1\\PracticeProject\\src\\simpli\\learn\\filehandling\\data1.txt");

**try** {

**if** (myFile.createNewFile()) {

System.***out***.println("File created successfully");

}

**else** {

System.***out***.println("File creation error.");

}

} **catch**(IOException ex) {

System.***out***.println("File error...");

}

}

}

**import** java.io.FileWriter;

**import** java.io.IOException;

**public** **class** FileWrite {

**public** **void** filewrite() {

String data = "Welcome to File handling..";

**try** {

FileWriter output = **new** FileWriter("F:\\Mphasis1\\PracticeProject\\src\\simpli\\learn\\filehandling\\data1.txt");

output.write(data);

System.***out***.println("Data is Written Sucessfully");

output.close();

} **catch** (IOException e) {

System.***out***.println("File write error..");

}

}

}

**public** **class** FileRead {

**public** **void** fileread() {

**char**[] data = **new** **char**[100];

**try** {

FileReader input = **new** FileReader("F:\\Mphasis1\\PracticeProject\\src\\simpli\\learn\\filehandling\\data1.txt");

input.read(data);

System.***out***.println("Data received from a file");

System.***out***.println(data);

input.close();

} **catch**(IOException ex) {

System.***out***.println("File error");

}

}

}

**import** java.io.FileWriter;

**import** java.io.IOException;

**public** **class** FileAppend {

**public** **void** fileappend() {

String data = "This data is appended..";

**try** {

FileWriter output = **new** FileWriter("F:\\Mphasis1\\PracticeProject\\src\\simpli\\learn\\filehandling\\data1.txt",**true**);

output.write(data);

System.***out***.println("Data appended successfully");

output.close();

} **catch**(IOException ex) {

System.***out***.println("File appended error");

}

}

}

**import** java.io.File;

**public** **class** FileDelete {

**public** **void** filedelete() {

File myFile = **new** File("F:\\Mphasis1\\PracticeProject\\src\\simpli\\learn\\filehandling\\data1.txt");

**if**(myFile.delete()) {

System.***out***.println("File Deleted: "+myFile.getName()+"Successfully Deleted");

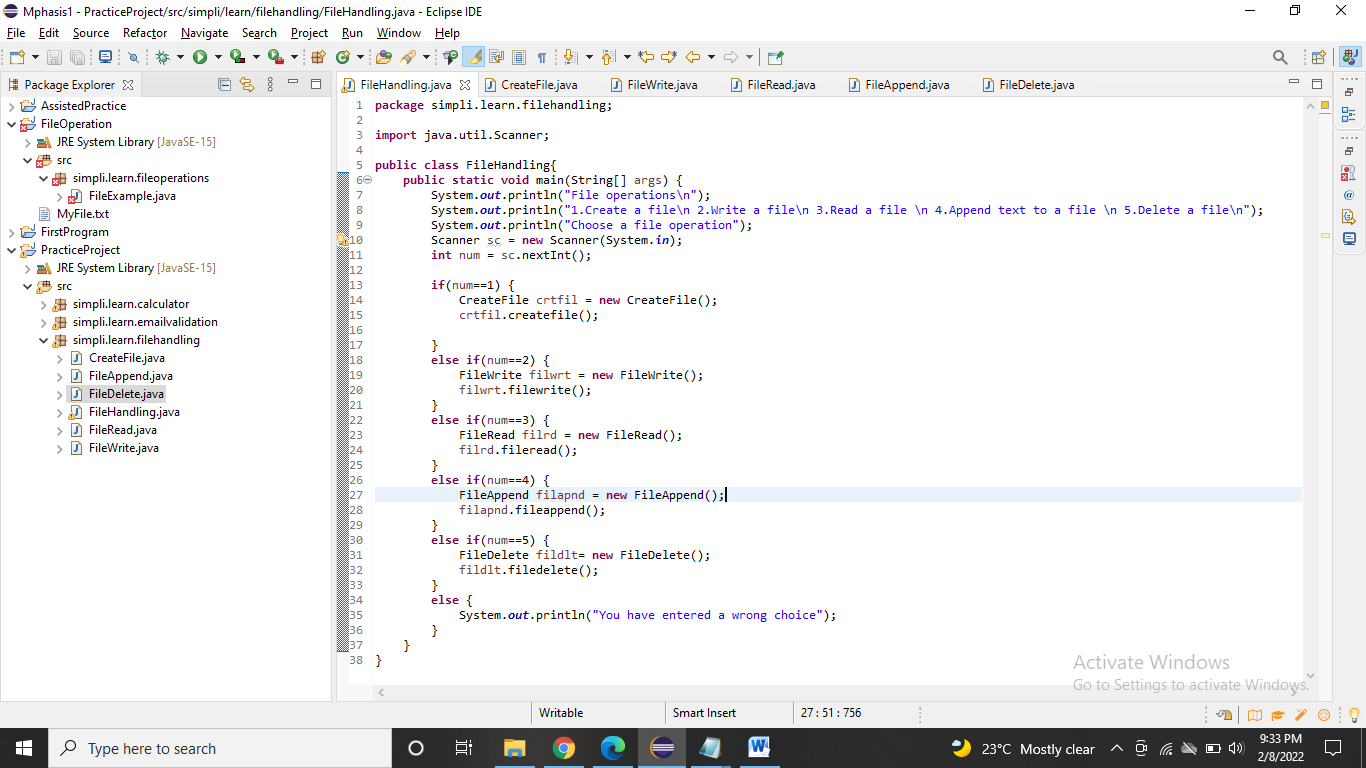
} **else** {

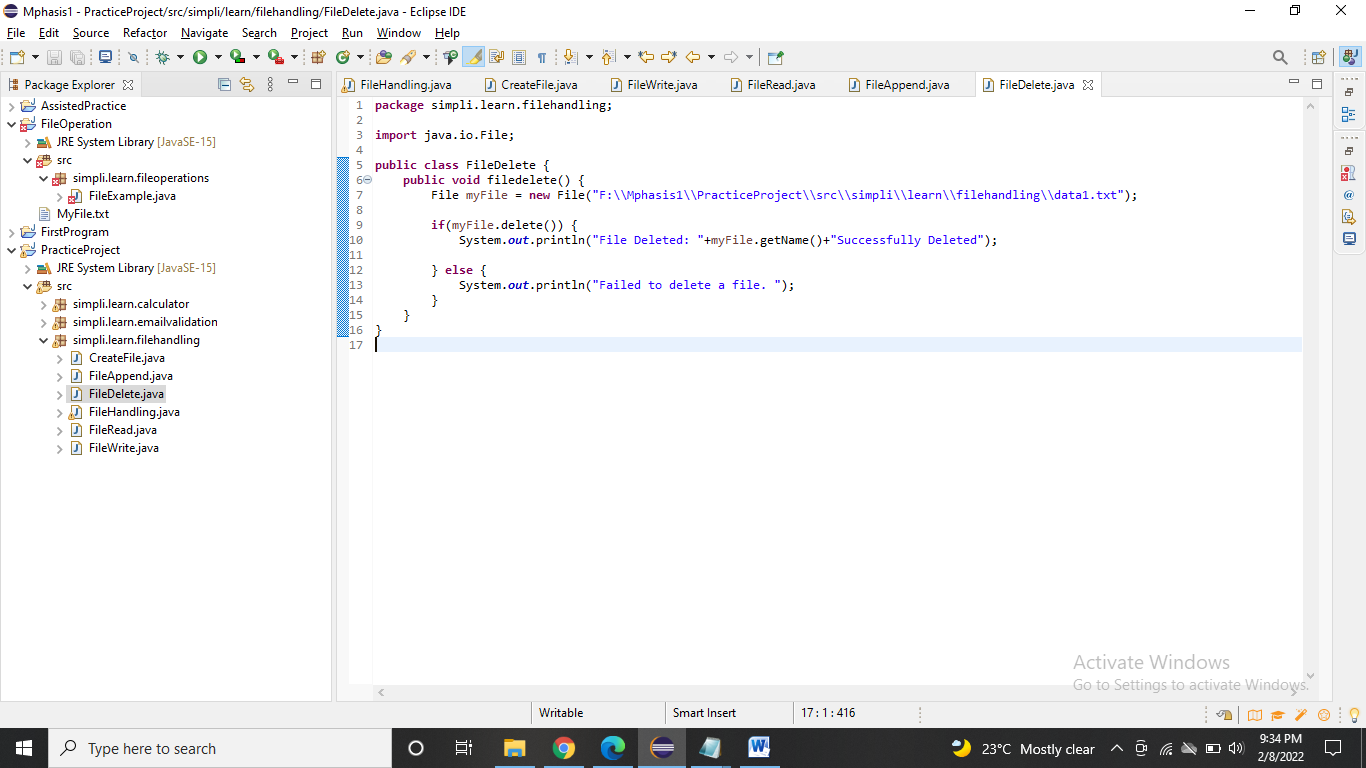
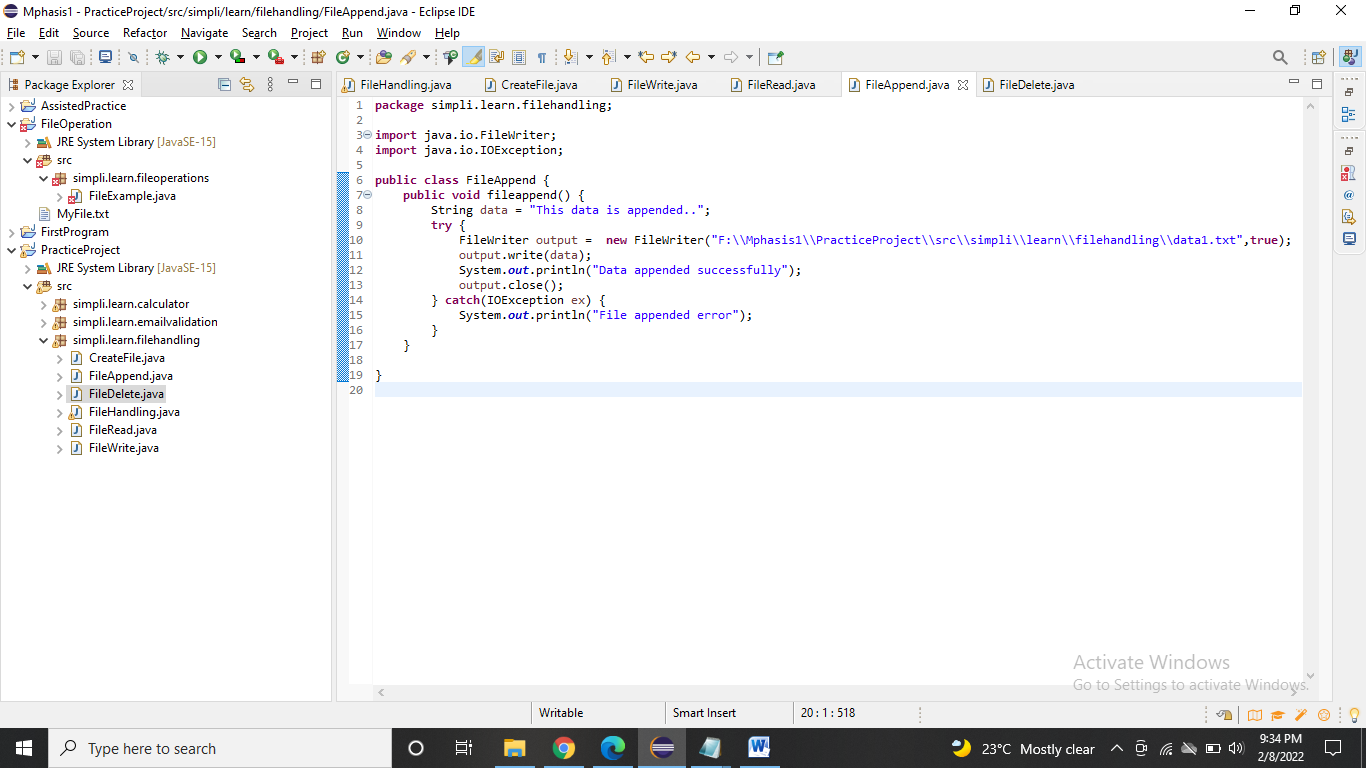
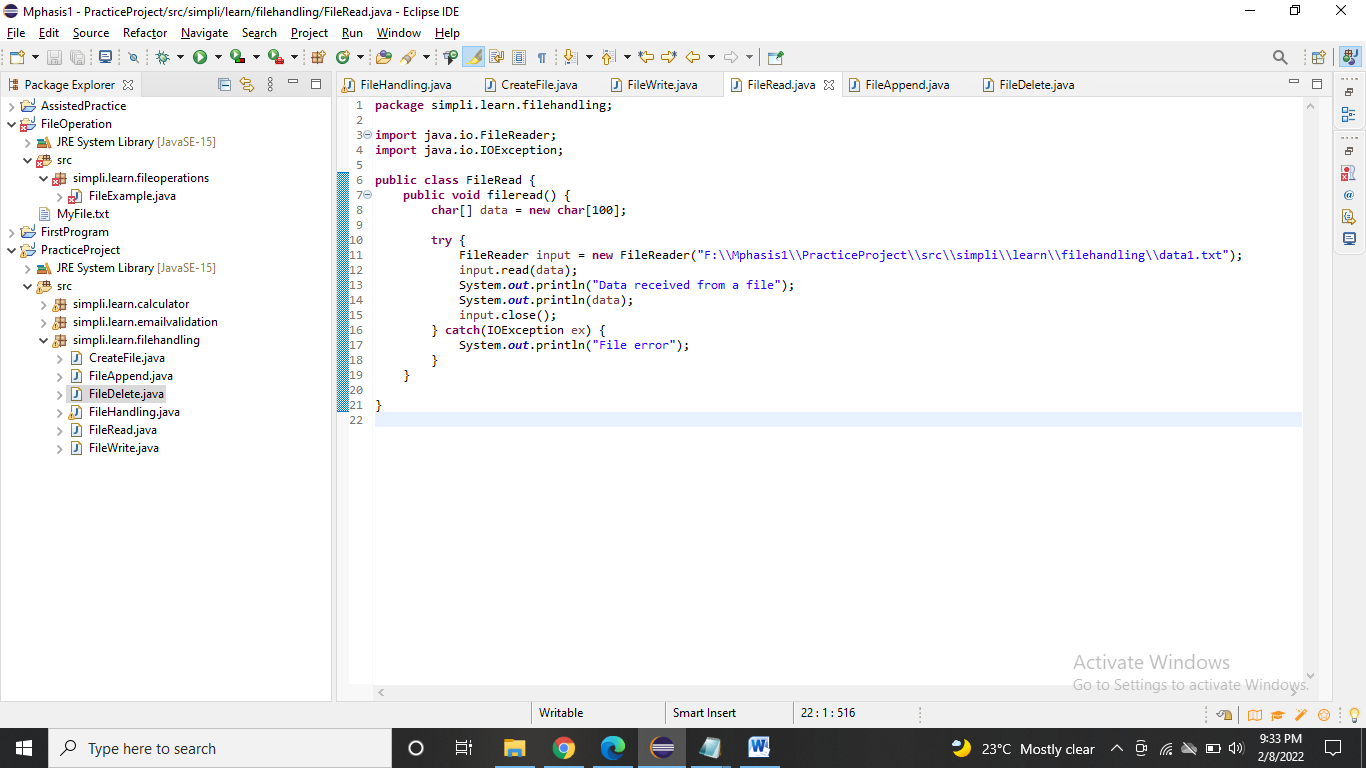
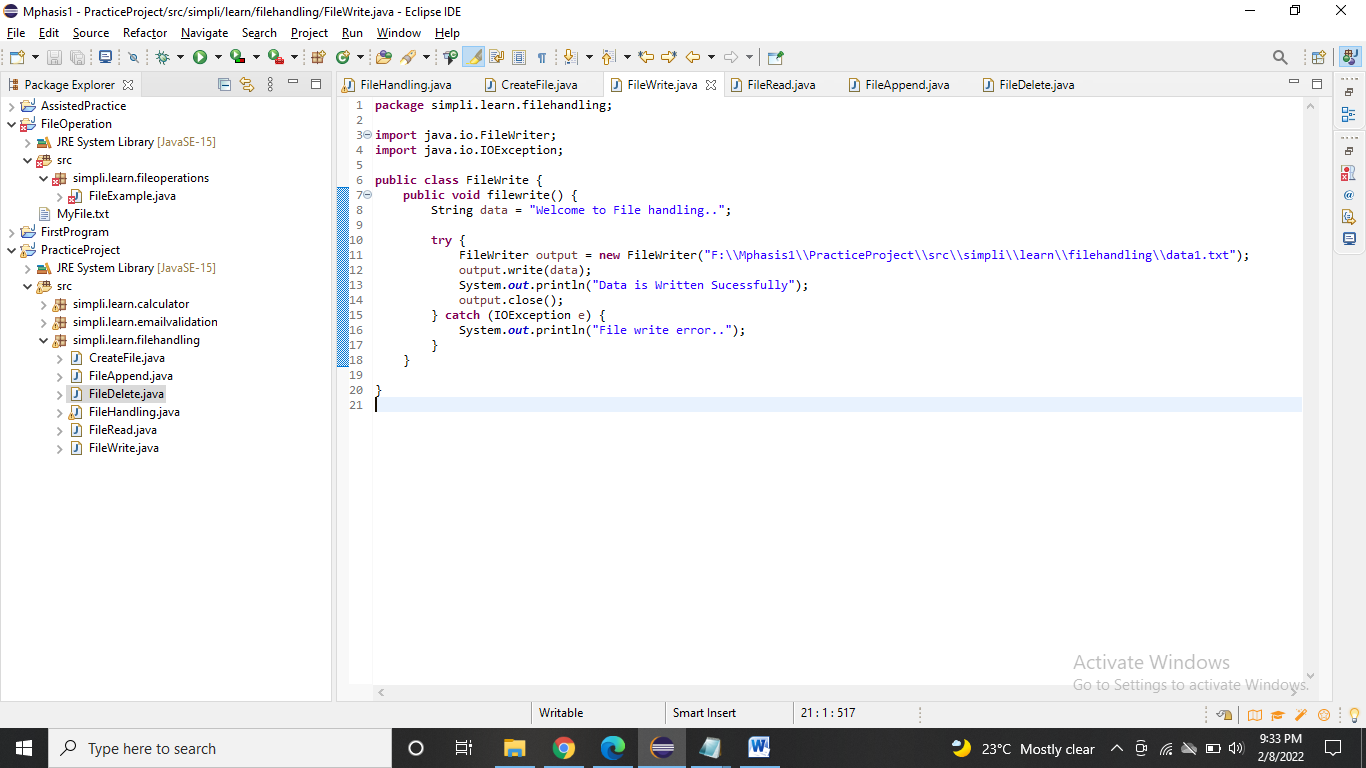
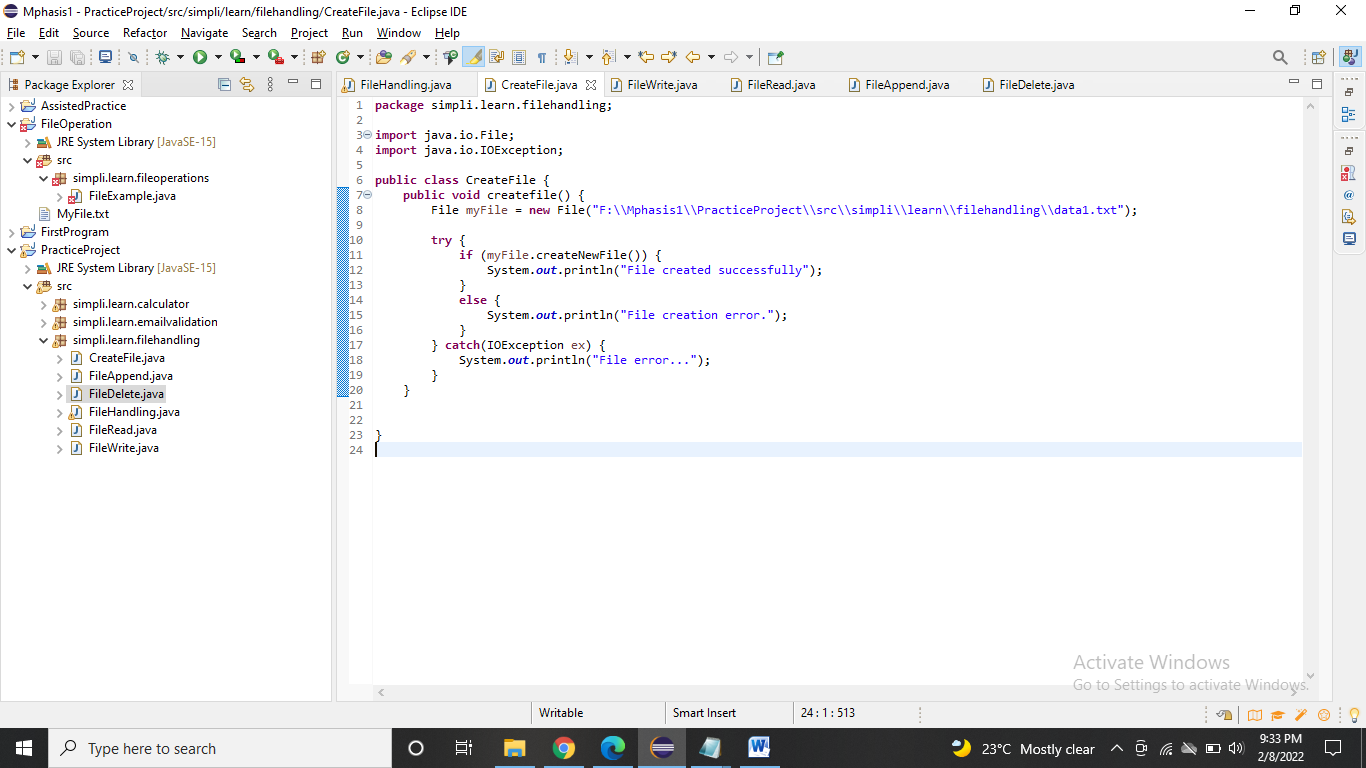
System.***out***.println("Failed to delete a file. ");

}

}

}

****

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