

## Source code

```
import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.nio.charset.StandardCharsets;
import java.nio.file.Files;
import java.nio.file.Paths;
import java.nio.file.StandardOpenOption;
import java.util.Arrays;
import java.util.Collections;
import java.util.Iterator;
import java.util.List;
import java.util.Scanner;

public class methodExecution {

    public static List<String> readFileInList(String fileName)
    {

        List<String> lines = Collections.emptyList();
        try
        {
            lines =
                Files.readAllLines(Paths.get(fileName), StandardCharsets.UTF_8);
        }

        catch (IOException e)
        {
            e.printStackTrace();
        }
        return lines;
    }

    public static void main(String[] args) throws IOException, InterruptedException {
        String cont = "y";
        while(cont.equalsIgnoreCase("Y")) {
            System.out.println("1. Add the data \n2. Read the data\n3. Append the data");
            Scanner sc1=new Scanner(System.in);
            int choose=sc1.nextInt();

            if(choose==1) {
                File file=new File("Documents");
                if(file.createNewFile()) {
                    System.out.println("New File is Created");    //file is created
                }
            }
            else {
                System.out.println("File already Exists");
            }
        }
    }
}
```

## Source code

```
//Writing Content in the created file
    FileWriter writer = new FileWriter(file);
    Scanner sc=new Scanner(System.in);
    System.out.println("Enter the Content you want to add in the created file:");
    String str=sc.nextLine();
    writer.write(str);
    writer.flush();

    writer.close();
    System.out.println("Entered Content added to the file");

    System.out.println("Do you want to continue? Y/N");
    cont = sc.nextLine();
}

else if(choose==2) {
    //Reading content in the file
    System.out.println("Reading the content in the file.....");
    Thread.sleep(2000);
    List li=readFileInList("Documents");
    Iterator<String> it=li.iterator();
    while(it.hasNext())
        System.out.println(it.next());
    System.out.println("Do you want to continue? Y/N");
    Scanner sc=new Scanner(System.in);
    cont = sc.nextLine();
}

    //Append the file
else if(choose==3) {
    System.out.println("Append the data");
    Scanner sc=new Scanner(System.in);
    System.out.println("Enter the data to append :");
    String str=sc.nextLine();
    List<String> lines = Arrays.asList("\n"+str);
    Files.write(Paths.get("Documents"),
        lines,
        StandardCharsets.UTF_8,
        StandardOpenOption.CREATE,
        StandardOpenOption.APPEND);
    System.out.println("data append completed");
    System.out.println("Do you want to continue? Y/N");

    cont = sc.nextLine();

}
```

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```
}  
}  
}
```