

Praktikum membuat analisis properties

```
import java.io.BufferedReader;
import java.io.BufferedWriter;
import java.io.EOFException;
import java.io.File;
import java.io.FileReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.nio.charset.Charset;
import java.nio.file.Files;
import java.nio.file.LinkOption;
import java.nio.file.Path;
import java.nio.file.Paths;
import java.nio.file.StandardOpenOption;

public class Tugas {
    Path path;
    String isiandata;

    public void setPath(String data)
    {
        path=Paths.get(data);
        try {
            Files.createFile(Paths.get(data));
        } catch (IOException e) {
            // TODO Auto-generated catch block
            System.out.println("File sudah ada sebelumnya");
            //e.printStackTrace();
        }
    }

    public void setAnalisis(Path path)
    {
        System.out.print("nama file:");
        System.out.println(path.getFileName());
        System.out.print("Parent file:");
        System.out.println(path.getParent());
        System.out.print("Jumlah subfolder:");
        System.out.println(path.getNameCount());
        System.out.print("Path merupakan absolut:");
        System.out.println(path.isAbsolute());
        System.out.print("Subpath dari 0 ke 3:");
        System.out.println(path.subpath(0, 3));

        System.out.print("Tipe Readable:");
        System.out.println(Files.isReadable(path));
        System.out.print("Tipe Writeable:");
        System.out.println(Files.isWritable(path));
        System.out.print("Tipe executeable:");
        System.out.println(Files.isExecutable(path));
        System.out.print("Tipe Hidden:");
        try {
            System.out.println(Files.isHidden(path));
        } catch (IOException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }
        System.out.print("apakah sama filenya:");
    }
}
```

```

        try {
            System.out.println(Files.isSameFile(path, path));
        } catch (IOException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }
        System.out.print("file ada:");
        System.out.println(Files.exists(path, LinkOption.NOFOLLOW_LINKS));
    }
    public static void main(String args[]){
        String line = "";
        System.out.print("Masukkan path file: ");
        InputStreamReader isr = new InputStreamReader(System.in);
        BufferedReader in = new BufferedReader(isr);
        try {
            line = in.readLine(); }
        catch (IOException e) {

        }

        Tugas tugas = new Tugas();
        tugas.setPath(line);
        tugas.setAnalisis(Paths.get(line));
    }
}

```

Praktikum membaca file

```

import java.io.BufferedReader;
import java.io.EOFException;
import java.io.File;
import java.io.FileReader;
import java.io.IOException;

public class BacaFile
{
    public static void main(String args[])
    {
        String line = "", fileContent = "";
        try {
            BufferedReader fileInput = new BufferedReader(new
FileReader(new File("C:/Users/sahirul/Documents/data.txt")));//masukkan URL yang
ada filenya

            line = fileInput.readLine();
            fileContent = line + "\n";
            while (line != null) {
                line = fileInput.readLine();
                if (line != null) fileContent += line + "/n"; }
            fileInput.close();
        }
        catch(EOFException eofe) {
            System.out.println("No more lines to read.");
            System.exit(0); }
        catch(IOException ioe) {
            System.out.println("Error reading file.");
            System.exit(0); }
        System.out.println(fileContent);
    }
}

```

```
}  
  
}
```

Praktikum membaca input data dari keyboard

```
import java.io.BufferedReader;  
import java.io.IOException;  
import java.io.InputStreamReader;  
  
public class BacaInput {  
    public static void main(String args[])  
    {  
        String line = "";  
        System.out.print("Masukkan kata/kalimat sesuka anda: ");  
        InputStreamReader isr = new InputStreamReader(System.in);  
        BufferedReader in = new BufferedReader(isr);  
        try {  
            line = in.readLine(); }  
        catch (IOException e) {  
  
        }  
        System.out.println(line);  
    }  
}
```

Praktikum menuliskan File

```
import java.io.BufferedWriter;  
import java.io.IOException;  
import java.nio.charset.Charset;  
import java.nio.file.Files;  
import java.nio.file.Path;  
import java.nio.file.Paths;  
import java.nio.file.StandardOpenOption;  
  
public class TulisFile  
{  
    public static void main(String args[])  
    {  
        Path  
path=Paths.get("C:/Users/sahirul/Documents/data.txt");//masukkan file yang sudah  
ada  
        try {  
            BufferedWriter bw =  
Files.newBufferedWriter( path  
            , Charset.forName("ISO-8859-1")  
            , StandardOpenOption.CREATE  
            , StandardOpenOption.APPEND );  
            String fileContent="Saya yang menuliskan data ini";  
            bw.write(fileContent, 0, fileContent.length());  
            bw.close(); }  
            catch(IOException ioe) {  
            System.out.println("Error reading file.");  
            System.exit(0); }  
        }  
}
```

```
}
```

Tugas Praktikum

Buatlah aplikasi input path yang akan membuat file baru kemudian menginputkan isian file dan kemudian menampilkan properties dari file baru tersebut.

Contoh:

```
Masukkan path file:
```



```
Masukkan path file: C:/Users/sahirul/Documents/data_baru.txt
```



```
Masukkan path file: C:/Users/sahirul/Documents/data_baru.txt
```

```
Masukkan kalimat/kata untuk mengisi file:
```



```
Masukkan path file: C:/Users/sahirul/Documents/data_baru.txt
```

```
Masukkan kalimat/kata untuk mengisi file:
```

```
Program ini digunakan untuk membuat file kemudian mengisikannya dengan kata atau kalimat
```



```
Masukkan path file: C:/Users/sahirul/Documents/data_baru.txt
```

```
Masukkan kalimat/kata untuk mengisi file:
```

```
Program ini digunakan untuk membuat file kemudian mengisikannya dengan kata atau kalimat
```

```
nama file:data_baru.txt
```

```
Parent file:C:\Users\sahirul\Documents
```

```
Jumlah subfolder:4
```

```
Path merupakan absolut:true
```

```
Subpath dari 0 ke 3:Users\sahirul\Documents
```

```
Tipe Readable:true
```

```
Tipe Writeable:true
```

```
Tipe executeable:true
```

```
Tipe Hidden:false
```

```
apakah sama filenya:true
```

```
file ada:true
```

```
file berisi:
```

```
Program ini digunakan untuk membuat file kemudian mengisikannya dengan kata atau kalimat
```