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**WEEK 12 OOP-LECTURE IF433-I**

File Character.java

package Week12\_Lec.Tugas;

public class Character {

protected String nama;

protected int maxHealth, currentHealth;

protected int attackPoint, defensePoint;

public Character() {}

public Character(String nama, int maxHealth, int curHealth, int atkPoint, int defPoint) {

this.nama = nama;

this.maxHealth = maxHealth;

this.currentHealth = curHealth;

this.attackPoint = atkPoint;

this.defensePoint = defPoint;

}

public String getData() {

String data = "Nama : " + nama + ", ";

data += "Max Health : " + maxHealth + ", ";

data += "Current Health : " + currentHealth + ", ";

data += "Attack Point : " + attackPoint + ", ";

data += "Defense Point : " + defensePoint;

return data;

}

}

File CharacterApp.java

package Week12\_Lec.Tugas;

import java.io.\*;

import java.util.Scanner;

public class CharacterApp {

public static void main(String[] args) {

try {

Character obj = new Character("Hero", 100, 10, 30, 40);

File file = new File("sample.json");

if(file.createNewFile()) {

System.***out***.println("File berhasil dibuat");

} else {

System.***out***.println("File sudah ada");

}

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

try {

file.setWritable(true);

FileWriter nulis = new FileWriter("sample.json");

nulis.write(obj.getData());

nulis.close();

System.***out***.println("Berhasil menulis pada file 'sample.json'");

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

System.***out***.println("Isi dari 'sample.json'");

try {

Scanner reader = new Scanner(file);

while (reader.hasNextLine()) {

String data = reader.nextLine();

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

}

reader.close();

} catch(Exception ex) {

System.***out***.println(ex.getMessage());

}

} catch(Exception ex) {

System.***out***.println(ex.getMessage());

}

} catch(Exception ex) {

System.***out***.println(ex.getMessage());

}

}

}

Output pada terminal:

Sebuah gambar berisi teks, cuplikan layar, Font

Deskripsi dibuat secara otomatis