

Tugas Demo Modul 2

```
package TUGAS;

import java.util.Scanner;

class Admin {

    private final String username = "Admin158";
    private final String password = "password158";

    public boolean login(String inputUsername, String inputPassword) {
        return inputUsername.equals(this.username) &&
inputPassword.equals(this.password);
    }
}

class Mahasiswa {

    private final String nama = "yusuf";
    private final String nim = "202110370311158";

    public boolean login(String inputNama, String inputNim) {
        return inputNama.equals(this.nama) && inputNim.equals(this.nim);
    }

    public void displayInfo() {
        System.out.println("Login Mahasiswa berhasil!");
        System.out.println("Nama: " + this.nama);
    }
}
```

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        System.out.println("NIM: " + this.nim);
    }
}
```

```
public class MODUL2 {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        Admin admin = new Admin();
        Mahasiswa mahasiswa = new Mahasiswa();

        System.out.println("Pilih Jenis Login:");
        System.out.println("1. Admin");
        System.out.println("2. Mahasiswa");
        System.out.print("Masukkan pilihan: ");
        int pilihan = scanner.nextInt();
        scanner.nextLine();//Mengonsumsi newline

        if (pilihan == 1) {
            // Login sebagai Admin
            System.out.print("Masukkan Username: ");
            String username = scanner.nextLine();
            System.out.print("Masukkan Password: ");
            String password = scanner.nextLine();

            if (admin.login(username, password)) {
                System.out.println("Login Admin berhasil!");
            }
        }
    }
}
```

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    } else {  
        System.out.println("Login gagal! Username atau password salah.");  
    }  
} else if (pilihan == 2) {  
    // Login sebagai Mahasiswa  
    System.out.print("Masukkan Nama: ");  
    String nama = scanner.nextLine();  
    System.out.print("Masukkan NIM: ");  
    String nim = scanner.nextLine();  
  
    if (mahasiswa.login(nama, nim)) {  
        mahasiswa.displayInfo();  
    } else {  
        System.out.println("Login gagal! Nama atau NIM salah.");  
    }  
} else {  
    System.out.println("Pilihan tidak valid.");  
}  
  
scanner.close();  
}  
}
```