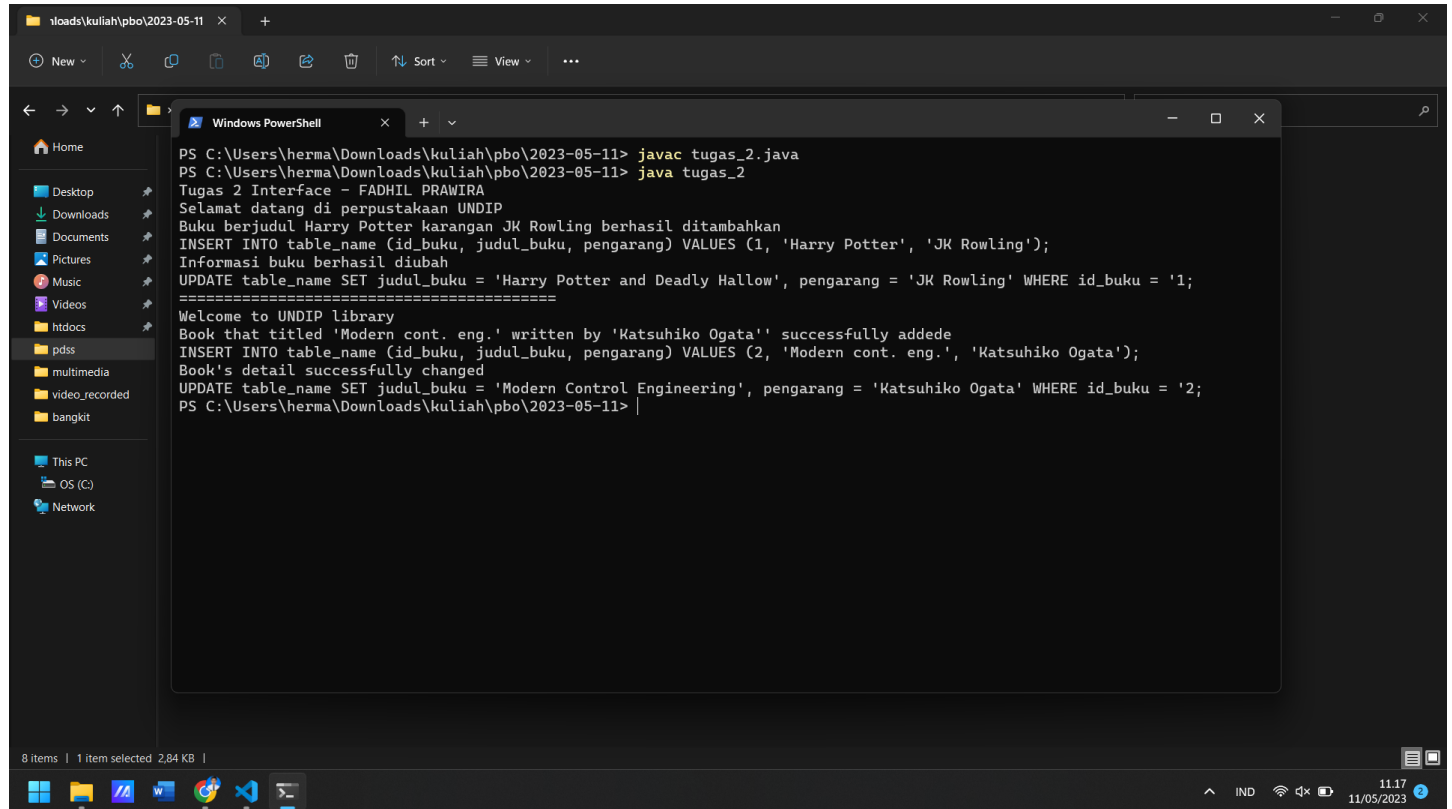


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MATA KULIAH : Pemrograman berorientasi objek

Tugas 2 Interface (<https://pastebin.com/raw/WxGQT7SW>)



```
// Tugas 2 Interface
```

```
// FADHIL PRAWIRA
```

```
// 21060120140057
```

```
// Interface
```

```
interface DataBuku {
```

```
    public void insert_data(int id_buku, String judul_buku, String pengarang); //  
    interface method (does not have a body)
```

```
    public void update_data(int id_buku, String judul_buku, String pengarang); //  
    interface method (does not have a body)
```

```
}
```

```
// Buku_lokal "implements" the Buku interface
class Buku implements DataBuku {
    int id_buku;
    String id_buku_str;
    String judul_buku;
    String pengarang;

    public void insert_data(int id_buku, String judul_buku, String pengarang) {
        id_buku_str = Integer.toString(id_buku);

        // The body of insert_data() is provided here
        System.out.println("Buku berjudul " + judul_buku + " karangan " + pengarang + "
berhasil ditambahkan");
        System.out.println("INSERT INTO table_name (id_buku, judul_buku, pengarang) VALUES
(" + id_buku_str + ", '" + judul_buku + "', '" + pengarang + "');");
    }
    public void update_data(int id_buku, String judul_buku, String pengarang) {
        id_buku_str = Integer.toString(id_buku);

        // The body of update_data() is provided here
        System.out.println("Informasi buku berhasil diubah");
        System.out.println("UPDATE table_name SET judul_buku = '" + judul_buku + "',
pengarang = '" + pengarang + "' WHERE id_buku = '" + id_buku_str + "';");
    }
}

class Buku_lokal extends Buku {
    // ini fungsi lokal
    public void ucapan() {
        System.out.println("Selamat datang di perpustakaan UNDIP");
    }
}
```

```

class Buku_asing extends Buku {
    // ini fungsi lokal
    public void greeting() {
        System.out.println("Welcome to UNDIP library");
    }

    public void insert_data(int id_buku, String judul_buku, String pengarang) {
        id_buku_str = Integer.toString(id_buku);

        // The body of insert_data() is provided here
        System.out.println("Book that titled '" + judul_buku + "' written by '" + pengarang
+ "'" successfully added");
        System.out.println("INSERT INTO table_name (id_buku, judul_buku, pengarang) VALUES
(" + id_buku_str + ", '" + judul_buku + "', '" + pengarang + "');");
    }

    public void update_data(int id_buku, String judul_buku, String pengarang) {
        id_buku_str = Integer.toString(id_buku);

        // The body of update_data() is provided here
        System.out.println("Book's detail successfully changed");
        System.out.println("UPDATE table_name SET judul_buku = '" + judul_buku + "',
pengarang = '" + pengarang + "' WHERE id_buku = '" + id_buku_str + "');");
    }
}

class tugas_2 {
    public static void main(String[] args) {
        System.out.println("Tugas 2 Interface - FADHIL PRAWIRA");
        Buku_lokal myLocalBook = new Buku_lokal(); // Create a Buku_lokal object
        myLocalBook.ucapan();
        myLocalBook.insert_data(1, "Harry Potter", "JK Rowling");
        myLocalBook.update_data(1, "Harry Potter and Deadly Hallow", "JK Rowling");
        System.out.println("=====");
    }
}

```

```
Buku_asing myForeignBook = new Buku_asing(); // Create a Buku_asing object
myForeignBook.greeting();
myForeignBook.insert_data(2, "Modern cont. eng.", "Katsuhiko Ogata");
myForeignBook.update_data(2, "Modern Control Engineering", "Katsuhiko Ogata");

}

}
```