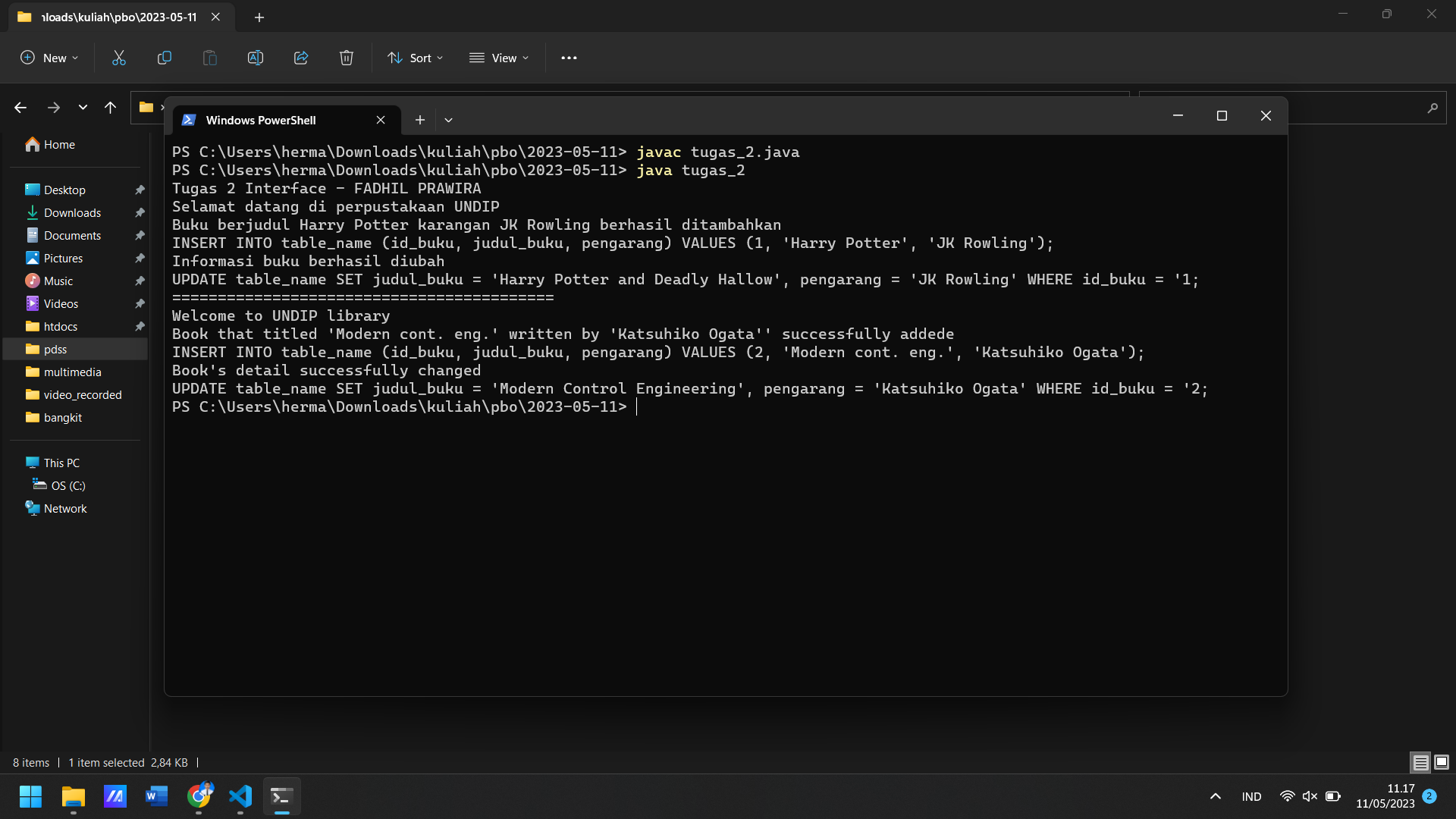
NAMA: FADHIL PRAWIRA

NIM : 21060120140057

MATA KULIAH : Pemrograman berorientasi objek

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



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| --- |
| // 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 addede");  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");  }  } |