

BIANCA L. BENALDO

IT 2A

EXER 3

//user.java

```
public class User {  
  
    private String name;  
  
    private int age;  
  
    private String address;  
  
    private String telephone;  
  
  
    public User(String name, int age, String address, String telephone) {  
  
        this.name = name;  
  
        this.age = age;  
  
        this.address = address;  
  
        this.telephone = telephone;  
  
    }  
  

```

// Getters

```
public String getName() { return name; }  
  
public int getAge() { return age; }  
  
public String getAddress() { return address; }  
  
public String getTelephone() { return telephone; }  
  

```

```
public void displayInfo() {  
  
    System.out.println("Borrower Name: " + name);  
  
    System.out.println("Age: " + age);  
  
    System.out.println("Address: " + address);  
  
    System.out.println("Telephone: " + telephone);  
  
}
```

```
}  
}
```

```
class BorrowGadget {  
    private String gadgetName;  
    private boolean returned;  
  
    public BorrowGadget(String gadgetName) {  
        this.gadgetName = gadgetName;  
        this.returned = false;  
    }  
  
    public String getGadgetName() {  
        return gadgetName;  
    }  
  
    public boolean isReturned() {  
        return returned;  
    }  
  
    public void setReturned(boolean returned) {  
        this.returned = returned;  
    }  
  
    public void displayInfo() {  
        System.out.println("Gadget Borrowed: " + gadgetName);  
        System.out.println("Time Limit: 1 hour inside store");  
        System.out.println("Note: ₱150 will be charged if not returned within 1 hour.");  
    }  
}
```

```
}
```

//borrowgadgetsystm.java

```
import java.util.Scanner;
```

```
public class BorrowGadgetSystem {
```

```
    public static void main(String[] args) {
```

```
        Scanner scanner = new Scanner(System.in);
```

```
        // User details
```

```
        System.out.println("=== Gadget Borrowing System ===");
```

```
        System.out.print("Enter your name: ");
```

```
        String name = scanner.nextLine();
```

```
        System.out.print("Enter your age: ");
```

```
        int age = Integer.parseInt(scanner.nextLine());
```

```
        System.out.print("Enter your address: ");
```

```
        String address = scanner.nextLine();
```

```
        System.out.print("Enter your telephone number: ");
```

```
        String telephone = scanner.nextLine();
```

```
        // User object
```

```
        User user = new User(name, age, address, telephone);
```

```
        // Gadget to borrow
```

```
        System.out.print("\nEnter the gadget to borrow: ");
```

```
        String gadgetName = scanner.nextLine();
```

```

BorrowGadget gadget = new BorrowGadget(gadgetName);

// summary
System.out.println("\n=== Borrow Summary ===");
user.displayInfo();
gadget.displayInfo();

System.out.print("\nWas the gadget returned within 1 hour? (yes/no): ");
String response = scanner.nextLine().trim().toLowerCase();

if (response.equals("yes")) {
    gadget.setReturned(true);
    System.out.println("\nThank you! The gadget was returned on time.");
} else if (response.equals("no")) {
    gadget.setReturned(false);
    System.out.println("\nThe gadget was not returned on time.");
    System.out.println("Please pay the penalty: ₱150");
} else {
    System.out.println("\nInvalid input. Assuming the gadget was NOT returned on time.");
    System.out.println("Please pay the penalty: ₱150");
}

System.out.println("\nThank you for using the Gadget Store Borrowing System!");
scanner.close();
}
}

```

```
input
=== Gadget Borrowing System ===
Enter your name: Bianca Benaldo
Enter your age: 19
Enter your address: Mati City
Enter your telephone number: 09813616326

Enter the gadget to borrow: Samsung a11

=== Borrow Summary ===
Borrower Name: Bianca Benaldo
Age: 19
Address: Mati City
Telephone: 09813616326
Gadget Borrowed: Samsung a11
Time Limit: 1 hour inside store
Note: ₱150 will be charged if not returned within 1 hour.

< Was the gadget returned within 1 hour? (yes/no): yes

Thank you! The gadget was returned on time.

Thank you for using the Gadget Store Borrowing System!

...Program finished with exit code 0
Press ENTER to exit console.
```