

```
majedjabri@Majeds-MacBook-Air desktop % dart run  
question1.dart
```

```
=== Smart Home ===
```

- 1) Toggle Lights
- 2) Set Thermostat (15-30 °C)
- 3) Arm/Disarm Security
- 4) Show Status
- 5) Exit

```
Choose: 1
```

```
Lights are now ON
```

- 1) Toggle Lights
- 2) Set Thermostat (15-30 °C)
- 3) Arm/Disarm Security
- 4) Show Status
- 5) Exit

```
Choose: 1
```

```
Lights are now OFF
```

- 1) Toggle Lights
- 2) Set Thermostat (15-30 °C)
- 3) Arm/Disarm Security
- 4) Show Status
- 5) Exit

```
Choose: 2
```

```
Enter temperature (15-30): 25
```

```
Temperature set to 25 °C
```

- 1) Toggle Lights
- 2) Set Thermostat (15-30 °C)
- 3) Arm/Disarm Security
- 4) Show Status
- 5) Exit

```
Choose: 3
```

```
Security is now ARMED
```

- 1) Toggle Lights
- 2) Set Thermostat (15–30 °C)
- 3) Arm/Disarm Security
- 4) Show Status
- 5) Exit

Choose: 3

Security is now DISARMED

- 1) Toggle Lights
- 2) Set Thermostat (15–30 °C)
- 3) Arm/Disarm Security
- 4) Show Status
- 5) Exit

Choose: 4

=== System Status ===

- Lights: OFF
- Thermostat: 25°C
- Security: DISARMED

Warm Day at 25°C

- 1) Toggle Lights
- 2) Set Thermostat (15–30 °C)
- 3) Arm/Disarm Security
- 4) Show Status
- 5) Exit

Choose: 5

Goodbye!

majedjabri@Majeds-MacBook-Air desktop %

majedjabri@Majeds-MacBook-Air desktop % dart run
question2.dart

=== welcome To The Budget Management Application ===

- 1) Add Income
- 2) Add Expense
- 3) View Summary

4) Exit

Choose: 1

Enter income description: Salary

Enter amount: 1000

Income "Salary" added: 1000.00

1) Add Income

2) Add Expense

3) View Summary

4) Exit

Choose: 2

Enter expense description: Rent

Enter amount: 1500

Expense "Rent" added: 1500.00

1) Add Income

2) Add Expense

3) View Summary

4) Exit

Choose: 3

=== Summary ===

Total Income : 1000.00

Total Expense: 1500.00

Your net loss is 500.00

1) Add Income

2) Add Expense

3) View Summary

4) Exit

Choose: 3

=== Summary ===

Total Income : 1000.00

Total Expense: 1500.00

Your net loss is 500.00

1) Add Income

2) Add Expense

3) View Summary

4) Exit

Choose: 4

Goodbye!

majedjabri@Majeds-MacBook-Air desktop % dart run
question2.dart

=== welcome To The Budget Management Application ===

1) Add Income

2) Add Expense

3) View Summary

4) Exit

Choose: 1

Enter income description: Sales

Enter amount: 2000

Income "Sales" added: 2000.00

1) Add Income

2) Add Expense

3) View Summary

4) Exit

Choose: 2

Enter expense description: Bills

Enter amount: 1000

Expense "Bills" added: 1000.00

1) Add Income

2) Add Expense

3) View Summary

4) Exit

Choose: 3

=== Summary ===

Total Income : 2000.00

Total Expense: 1000.00

Your net profit is 1000.00

Tax to be paid (15%): 150.00

1) Add Income

- 2) Add Expense
 - 3) View Summary
 - 4) Exit
- Choose: