

Select:

1. Create Group
2. Add Expenses to Group
3. Update Expenses
4. Delete Expenses
5. Get Balance
6. Exit

1

Enter Name of Group: Home

Enter Members of Group (Give Space for Every New Member): A B

Group Created Successfully!

Select:

1. Create Group
2. Add Expenses to Group
3. Update Expenses
4. Delete Expenses
5. Get Balance
6. Exit

2

Enter Expense in to ADD given format

Ex :{"name": "Fruits and Milk",
"items": [{"name": "milk", "value": 50, "paid_by": [{"A": 40, "B": 10}], "owed_by": [{"A":
20,"B": 20, "C": 10}]},
{"name": "fruits", "value": 50, "paid_by": [{"A": 50}], "owed_by": [{"A": 10,"B": 30,
"C": 10}]}}

Enter Name of expense: Fruits and Milk

Items

Name: Fruits

Value: 50

Paid_by: [{"B": 50}]

Owed_by: [{"A": 50}]

Want to Add More:

1. Yes

2. NO

1

Items

Name: Milk

Value: 50

Paid_by: [{"C": 50}]

Owed_by: [{"B": 50}]

Want to Add More:

1. Yes

2. NO

2

Expense Added Successfully!

Select:

1. Create Group

2. Add Expenses to Group

3. Update Expenses

4. Delete Expenses

5. Get Balance

6. Exit

5

Current Balance :

```
{'name': 'Home', 'balances': {'A': {'total_balance': -50, 'owes_to': [{'C': 50}], 'owed_by': []}, 'B': {'total_balance': 0, 'owes_to': [], 'owed_by': []}, 'C': {'total_balance': 50, 'owes_to': [], 'owed_by': [{'A': 50}]}}
```

Select:

1. Create Group

2. Add Expenses to Group

3. Update Expenses

4. Delete Expenses

5. Get Balance

6. Exit

2

Enter Expense in to ADD given format

Ex :{"name": "Fruits and Milk",
"items": [{"name": "milk", "value": 50, "paid_by": [{"A": 40, "B": 10}], "owed_by": [{"A":
20,"B": 20, "C": 10}]},
{"name": "fruits", "value": 50, "paid_by": [{"A": 50}], "owed_by": [{"A": 10,"B": 30,
"C": 10}]}}}

Enter Name of expense: Bread

Items

Name: Bread

Value: 100

Paid_by: [{"A": 60,"B": 30, "C": 10}]

Owed_by: [{"B": 70, "C": 30}]

Want to Add More:

1. Yes

2. NO

2

Expense Added Successfully!

Select:

1. Create Group

2. Add Expenses to Group

3. Update Expenses

4. Delete Expenses

5. Get Balance

6. Exit

5

Current Balance :

```
{'name': 'Home', 'balances': {'A': {'total_balance': 10, 'owes_to': [], 'owed_by': [{'B': 10}]}, 'B':  
{'total_balance': -40, 'owes_to': [{'C': 30}, {'A': 10}], 'owed_by': []}, 'C': {'total_balance': 30, 'owes_to':  
[], 'owed_by': [{'B': 30}]}}
```

Select:

1. Create Group
2. Add Expenses to Group
3. Update Expenses
4. Delete Expenses
5. Get Balance
6. Exit

3

Enter Expense in to UPDATE given format

```
Ex :{'name': "Fruits and Milk",  
    "items": [{"name": "milk", "value": 50, "paid_by": [{"A": 40, "B": 10}], "owed_by": [{"A":  
20, "B": 20, "C": 10}]},  
        {"name": "fruits", "value": 50, "paid_by": [{"A": 50}], "owed_by": [{"A": 10, "B": 30,  
"C": 10}]}}
```

Enter Name of expense: Ice cream

Expense not found ! Please Try Again.

Select:

1. Create Group
2. Add Expenses to Group
3. Update Expenses
4. Delete Expenses
5. Get Balance
6. Exit

3

Enter Expense in to UPDATE given format

```
Ex :{"name": "Fruits and Milk",  
    "items": [{"name": "milk", "value": 50, "paid_by": [{"A": 40, "B": 10}], "owed_by": [{"A":  
20,"B": 20, "C": 10}]},  
    {"name": "fruits", "value": 50, "paid_by": [{"A": 50}], "owed_by": [{"A": 10,"B": 30,  
"C": 10}]}}}
```

Enter Name of expense: Bread

Items

Name: Bread

Value: 50

Paid_by: [{"A": 10,"B": 30, "C": 10}]

Owed_by: [{"A": 20,"B": 10, "C": 20}]

Want to Add More:

1. Yes

2. NO

2

Expense Modified Sucessfully!

Select:

1. Create Group
2. Add Expenses to Group
3. Update Expenses
4. Delete Expenses
5. Get Balance
6. Exit

5

Current Balance :

```
{'name': 'Home', 'balances': {'A': {'total_balance': -60, 'owes_to': [{'C': 40}, {'B': 20}], 'owed_by': []},  
'B': {'total_balance': 20, 'owes_to': [], 'owed_by': [{'A': 20}]}, 'C': {'total_balance': 40, 'owes_to': [],  
'owed_by': [{'A': 40}]}}}
```

Select:

1. Create Group
2. Add Expenses to Group
3. Update Expenses
4. Delete Expenses
5. Get Balance
6. Exit

4

Enter Name of expense: Bread

Expense Deleted Sucessfully!

Select:

1. Create Group
2. Add Expenses to Group
3. Update Expenses
4. Delete Expenses
5. Get Balance
6. Exit

4

Enter Name of expense: Cake

Expense not found ! Please Try Again.

Select:

1. Create Group
2. Add Expenses to Group
3. Update Expenses
4. Delete Expenses
5. Get Balance
6. Exit