FINAL TASK

EXPENSE TRACKER

```python
expenses = []

expense1 = {'amount': '51.00', 'category': 'shirt'}

expenses.append(expense1)

expense2 = {'amount': '21.55', 'category': 'groceries'}

expenses.append(expense2)


def removeExpense():
  while True:
    listExpenses()
    print("What expense would you like to remove?")
    try:
      expenseToRemove = int(input("> "))
      del expenses[expenseToRemove]
      break
    except:
      print("Invalid input. Please try again.")


def addExpense(amount, category):
  expense = {'amount': amount, 'category': category}
  expenses.append(expense)


def printMenu():
  print("Please choose from one of the following options...")
  print("1. Add A New Expense")
  print("2. Remove An Exepense")
  print("3. List All Exepenses")
```

```python
def listExpenses():
    print("\nHere is a list of your expenses...")
    print("-----------------------------------")
    counter = 0
    for expense in expenses:
        print("#", counter, " - ", expense['amount'], " - ", expense['category'])
        counter += 1
    print("\n\n")


if name == "main":
    while True:
        ### Prompt the user
        printMenu()
        optionSelected = input("> ")


        if (optionSelected == "1"):
            print("How much was this expense?")
            while True:
                try:
                    amountToAdd = input("> ")
                    break
                except:
                    print("Invalid input. Please try again.")


            print("What category was this expense?")
            while True:
                try:
                    category = input("> ")
                    break
                except:
                    print("Invalid input. Please try again.")
```

```
    addExpense(amountToAdd, category)

  elif (optionSelected == "2"):

    removeExpense()

  elif (optionSelected == "3"):

    listExpenses()

  else:

    print("Invalid input. Please try again.")
```

OUTPUT:

```
Please choose from one of the following options...
1. Add A New Expense
2. Remove An Exepense
3. List All Exepenses
> 1
How much was this expense?
> 60
What category was this expense?
> food
Please choose from one of the following options...
1. Add A New Expense
2. Remove An Exepense
3. List All Exepenses
> 1
How much was this expense?
> 300
What category was this expense?
> hospital
Please choose from one of the following options...
1. Add A New Expense
2. Remove An Exepense
3. List All Exepenses
> 3
Here is a list of your expenses...
----------------------------------
# 0  -   51.00  -   shirt
# 1  -   21.55  -   groceries
```

```
# 2  -  60   -  food
# 3  -  300  -  hospital




Please choose from one of the following options...
1. Add A New Expense
2. Remove An Exepense
3. List All Exepenses
> 2
Here is a list of your expenses...
-----------------------------------
# 0  -  51.00  -   shirt
# 1  -  21.55  -   groceries
# 2  -  60   -  food
# 3  -  300  -   hospital




What expense would you like to remove?
> 1
Please choose from one of the following options...
1. Add A New Expense
2. Remove An Exepense
3. List All Exepenses
> 2
Here is a list of your expenses...
```

```
Here is a list of your expenses...
------------------------------------
# 0  -  51.00  -  shirt
# 1  -  21.55  -  groceries
# 2  -  60  -  food
# 3  -  300  -  hospital



What expense would you like to remove?
> 1
Please choose from one of the following options...
1. Add A New Expense
2. Remove An Exepense
3. List All Exepenses
> 2
Here is a list of your expenses...
------------------------------------
# 0  -  51.00  -  shirt
# 1  -  60  -  food
# 2  -  300  -  hospital
```