**INTERNSHIP WEEK-4**

**FINAL TASK:**

**WORK ON A PROJECT OF YOUR OWN CHOICE AND CREATE A PRESENATION FOR THE SAME:**

**PROJECT NAME: EXPENSE TRACKER**

**PROGRAM CODE:**

# Create an empty list to store expenses

expenses = []

# Function to add an expense

def add\_expense(description, amount):

expenses.append({"Description": description, "Amount": amount})

# Function to view all expenses

def view\_expenses():

for i, expense in enumerate(expenses):

print(f"Expense {i + 1}: {expense['Description']} - ${expense['Amount']}")

# Main loop to interact with the expense tracker

while True:

print("Expense Tracker")

print("1. Add Expense")

print("2. View Expenses")

print("3. Quit")

choice = input("Enter your choice: ")

if choice == "1":

description = input("Enter expense description: ")

amount = float(input("Enter expense amount: "))

add\_expense(description, amount)

print("Expense added successfully!")

elif choice == "2":

print("Expenses:")

view\_expenses()

elif choice == "3":

break

else:

print("Invalid choice. Please select a valid option.")

print("Goodbye!")

**OUTPUT:**

Expense Tracker Menu:

1. Add an Expense
2. View total Expense
3. View Expenses by Category
4. Exit

Enter your choice (1/2/3/4):1

Enter the category of expense: grocery

Enter the expense amount:5000

Expense of $5000.0 added to the grocery category.

Expense Tracker Menu:

1. Add an Expense
2. View total Expense
3. View Expenses by Category
4. Exit

Enter your choice (1/2/3/4):2

Total Expenses:$5000.0

Expense Tracker Menu:

1. Add an Expense
2. View total Expense
3. View Expenses by Category
4. Exit

Enter your choice (1/2/3/4):3

Grocery: $5000.0

Expense Tracker Menu:

1. Add an Expense
2. View total Expense
3. View Expenses by Category
4. Exit

Enter your choice (1/2/3/4):4

Expense tracker closed