Import java.util.ArrayList;

Import java.util.Scanner;

Class Expense {

Private String description;

Private double amount;

Private String category;

Public Expense(String description, double amount, String category) {

This.description = description;

This.amount = amount;

This.category = category;

}

// Add getters for description, amount, and category

}

Class ExpenseTracker {

Private ArrayList<Expense> expenses;

Public ExpenseTracker() {

This.expenses = new ArrayList<>();

}

Public void addExpense(Expense expense) {

Expenses.add(expense);

}

Public void viewExpenses() {

For (Expense expense : expenses) {

// Display expense details

}

}

// Implement methods for expense summaries, data persistence, etc.

}

Public class Main {

Public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

ExpenseTracker expenseTracker = new ExpenseTracker();

While (true) {

System.out.println(“1. Add Expense\n2. View Expenses\n3. Exit”);

Int choice = scanner.nextInt();

Switch (choice) {

Case 1:

System.out.println(“Enter Description:”);

String description = scanner.next();

System.out.println(“Enter Amount:”);

Double amount = scanner.nextDouble();

System.out.println(“Enter Category:”);

String category = scanner.next();

Expense newExpense = new Expense(description, amount, category); expenseTracker.addExpense(newExpense);

break;

case 2:

expenseTracker.viewExpenses();

break;

case 3:

System.out.println(“Exiting Expense Tracker. Goodbye!”);

System.exit(0);

Default:

System.out.println(“Invalid choice. Please enter a valid option.”);

}

}

}

}