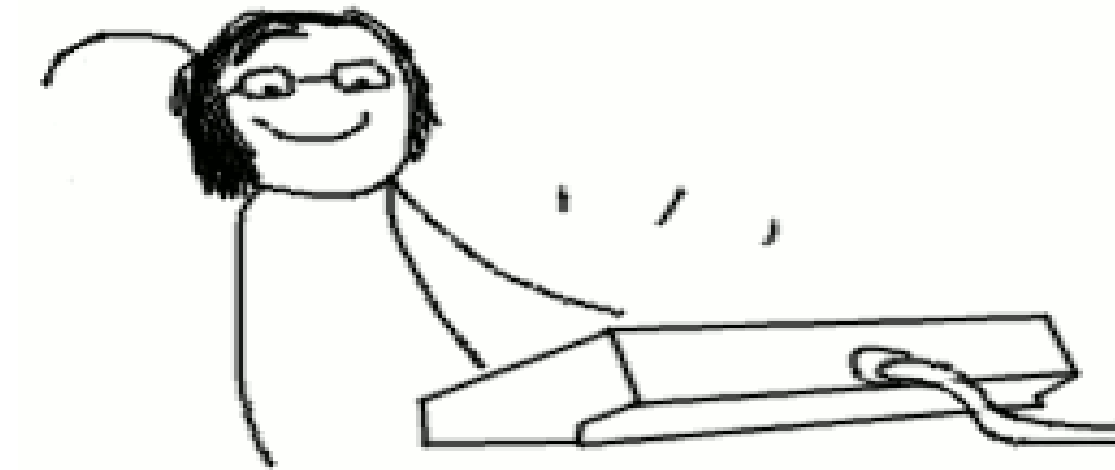


PROGRAMMING



Group Programming Project 1

By: Robert Pearson and Tyler Doherty

The background features a series of concentric circles in light gray, some solid and some dashed, creating a ripple effect. A large, vibrant red speech bubble is positioned in the center-right, containing the text. A dark gray, curved shape is visible behind the left side of the red bubble.

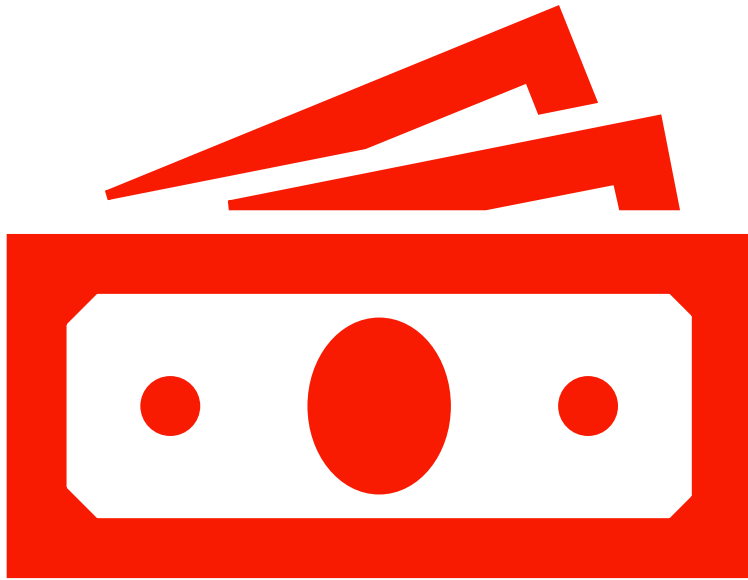
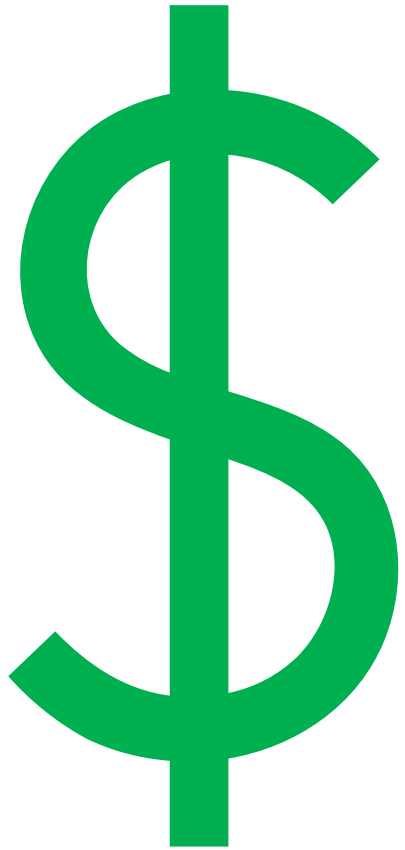
Do You Struggle With
Managing Your Money?





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n



Budget Manager

What Can Our Budget Manager Do?



- User can input their yearly salary
- User can log monthly expenses into specific categories
- User can view their expenses
- Creates a monthly budget based off their salary

The Menu

Welcome to the Budget Manager

1: Set Salary

2: Set Expenses

3: Show Expenses

4: Create a Sample Budget based off of your salary

5: Quit

Select a Number (1-5):

Salary

Step 1: Input yearly salary

```
Select a Number (1-5):  1  
Enter your yearly salary: 100000
```



Setting Expenses

Step 2: Input Monthly Expenses



- User can input their monthly expenses
- They input the category first then how much they spent

Welcome to the Expense Tracker

1: To add a category for expenses and money spend on category

2: Quit Expense Tracker

Select a Number (1-2): 1

Enter a category for expenses: rent

Enter the amount spent on that category monthly: 1500

```
[{'food': 200.0}, {'rent': 1500.0}, {'utilities': 250.0}, {'transport': 300.0}]
```

Showing Expenses

Step 3: Displays your monthly budget



- Displays monthly income and total monthly expenses
- Displays the categories from their monthly expenses

You make \$8333.33 per month and your total monthly expenses are \$2250.

You spent \$2250 on the following categories ['food', 'rent', 'utilities', 'transport'].

Creating Sample Budget

Step 4: Creates a
monthly sample budget for you



- Based on users' monthly salary
- Asks user if they have any debt because that will affect the budget creation

Hello, welcome to the Sample Budget Creator

Do you have any debt? (yes/no): yes

1: Continue with Sample Budget

2: Quit Sample Budget





Suggested Budget Allocations (With Debt) based off of monthly salary:

Rent or Mortgage: \$2083.33

Utilities (Electricity, Water, Gas): \$1250.00

Groceries: \$1250.00

Transportation (Car payments, Fuel, Public Transit): \$1250.00

Entertainment: \$416.67

Savings: \$833.33

Debt Payment: \$1250.00

This will create a monthly budget for you to go by!



What Did We Learn?

About the
process of
budgeting



125,058	154,568	95,054	124,500
125,487	56,845	97,511	125,000
124,000	110,000	99,011	154,000
105,450	150,000	99,216	95,000
86,502	35,000	101,090	154,200
	83,000	101,684	110,000
	45,000	101,962	89,000
		102,747	50,000
			68,000
			12,000

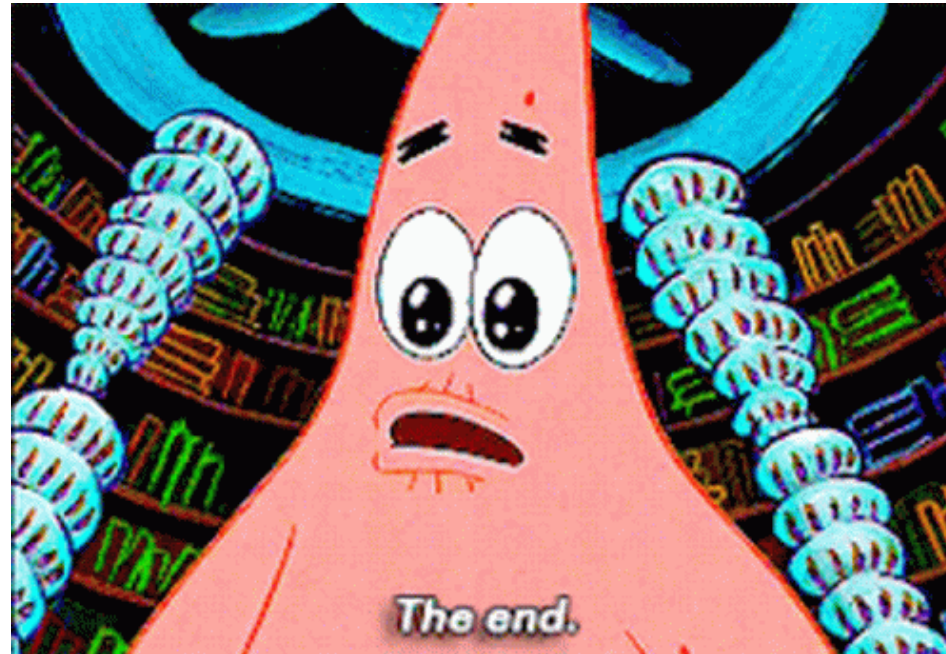
How
important is to
save



What Could We Improve?

Allow user to set their own categories for the budget

Make the process of adding expenses less tedious



The End