Project 3

Goals:

1. Familiarity with spreadsheet design and development
2. Organizing ideas and presenting ideas in a logical fashion
3. Create a business focused organizational tool

Part 1: Create a Spreadsheet for Totally Fit Gym

In this project you will create a spreadsheet to help you manage your new business Totally Fit Gym. The spreadsheet will keep track of new members.

I have provided a picture of what the spreadsheet for the gym will look like below and a set of rules for how to calculate the various quantities in the spreadsheet. This is what the main page should look like:

This is what the 'Stats' page looks like. Here you will keep information like cost for a locker, current interest rate you're charging, etc. It should also use the information on the main page to calculate things like average membership costs etc.
Let’s go over each column on the 'Data' sheet (the main sheet):

- **Column A** is to be filled in manually when a new member signs up.
- **Column B** is also to be filled in manually with the member’s membership choice: Deluxe, Family, or Individual
- **Column C** should contain a function that will fill in the cost for the membership the new client has chosen. You should use the cost in the box on the Stats sheet. For example, if they choose Deluxe, then the function should fill in the value from Row 2 Column B from the Stats sheet according to the example above. This formula should work for any of the three choices, Deluxe, Family, or Individual. This should be done by nesting the IF conditional function.
- **Column D** is filled out manually based on whether the new client wants a locker or not.
- **Column E** should contain a formula. If the client would like a locker, then you should add the current locker cost (B14 on the Stats sheet) to the value in Column C.
- **Column F** is to be filled in manually.
- **Column G** should use a function to calculate the total cost for the new client’s membership based on their annual cost and the number of years enrolled.
- **Column H** is the be filled in manually. We will let the new clients make any down payment they want.
- **Column I** should use a function to deduct the down payment from the total cost.
- **Column J** should use a function to calculate the monthly payment for each new member based on the chosen interest rate stored in cell B15 on the Stat’s sheet. This calculation should be based on the balance due, the number of years enrolled, and a monthly payment schedule. Use the PMT or PPMT function to calculate this amount. (The earlier example uses the PMT function.) Here’s an example that shows the difference in results from the PPMT function and the PMT function:

For this project you will need to have a solid understanding of the IF and PMT/PPMT functions in LibreOffice as well as some formatting. You will also need to use absolute and relative references when appropriate. The goal is to be able to copy and paste the formulas into a new row so that a new customer’s information can be entered without having to modify the formulas.

**Part 2: Create a slide presentation for Totally Fit Gym**

The location of your gym is across the street from a couple of new condo complexes in downtown Bellingham. The condo owners association has promised to give you 5 minutes at the next owner’s association
meeting to pitch your gym to the new residents.

You should create a 5 - 8 slide presentation using LibreOffice Impress that includes:

- Some facts about your gym from the Spreadsheet (Membership costs, options, average monthly fees, etc)
- A picture or two (feel free to use your own photos of the Rec Center, or find public domain images from the internet)
- Some made up facts about your gym like hours of operation, membership benefits, credentials of your trainers, and alternate programs or classes you might offer like pilates, yoga, nutrition classes etc.

Each slide should be concise and clear. Feel free to use the graphic capabilities and image modification software to make your presentation flashy.

**What to turn in:**
Name the spreadsheet Project3_Spreadsheet.ods and the presentation Project3_Presentation.odp and turn them both in to Canvas.