1. What are the functions used?
2. What errors you have encountered?
3. How did you debug the errors?
4. Loan and Amortization calculator **(4 students)**
   1. Provide 4 different types of loans
   2. Compute for interest
   3. Include deductions
   4. Present amortization
   5. Others
5. Scientific Calculator **(4 students)**
   1. Include the different scientific calculations (cosine, tangent, cotangent, secant, etc.)
   2. Include [conversion of units](https://en.wikipedia.org/wiki/Conversion_of_units)
6. Grading system **(4 students)**
   1. Use 10% attendance, 15% Quizzes, 10% Activities, 10% Project, 25% Midterm 30% Finals = 100%
   2. Use the formula: (raw score/no.of items)\*60+40 in getting the Quizzes, activities and project
7. Payroll system **(4 students)**
   1. Daily time record
   2. Computation of deductions: SSS, Philhealth, Pagibig, Loans, taxes, others
   3. Check on the conditions and exemptions of taxes depending on the type of employment
   4. Display gross and net pay (payslip)
8. Grocery cashiering system **(4 students)**
   1. Calculate sales and give change
   2. Count sales per item
   3. Include different discounts in each items as well as senior citizen’s discount
   4. Consider the vatable items
9. Enrollment system **(4 students)**
   1. Student registration
   2. Computation of payables (per unit & other fees)
   3. Include discount and payment process
10. Simple accounting system **(4 students)**
    1. Input daily sales and compute 3% tax for non-vat items and 12% tax for vat items. Get the total as tax payable of the month
    2. To get the Quarterly report, add all monthly sales, less the following: tax filed per month and expenses. Multiply with 3% as tax payable of the quarter for non-vat and 12% tax payable for vat.
11. Fast food ordering system **(2 students)**
    1. Able to select foods, drinks, dessert etc.
    2. Display all ordered items with accumulated cost
    3. With table numbering assignment