***Programming Fundamentals***

***Fall 2022, Dr. Farooque Hassan Kumbhar***

***Arrays, Strings, Loops, etc. [Part 2]***

1. Sign up and sign in for at least 10 users. Each screen asks user to sign in, if the user has already signed up, the screen shows congratz otherwise asks for sign up.
2. Store menu item names and their respective price. Ask user for items to buy, and calculate total amount and show.
3. Program for contact search. Store at least 10 contacts and then asks user to enter first three letters and shows all contacts matching that condition.
4. Write a program that keeps track of students mid scores for all subjects. Create a 2D array for 7 students, and 3 subjects. Ask user to enter mid score for each student and each subject. Print average score for all three subjects
5. Write a program that asks user to enter name and salary indefinitely. Do print name of the person with highest salary so far, in every iteration.
6. Develop a system that keeps track of student names, mid score and final score. Print student name with lowest total.
7. Program to have 4 different arrays (each of size 7 for seven days) and each array is associate the amount spent on that day. Using functions, calculate total spent amount for each week and also calculate total spent amount for the month.
8. Asad has three poultry farms. Each poultry farm produces eggs and chickens. Write a program using arrays which store number of eggs and number of chickens sold for each farm. You are allowed to initialize one array for complete data or initialize separate arrays for each farm. Print total eggs and chicken sold for Asad.
9. Program to store 5 names and their score in mid 1. Print name of the person who has highest score.
10. Sign up and sign in for at least 10 users. Each screen asks user to sign in, if the user has already signed up, the screen shows congratz otherwise asks for sign up.
11. Store menu item names and their respective price. Ask user for items to buy, and calculate total amount and show.
12. Program for contact search. Store at least 10 contacts and then asks user to enter first three letters and shows all contacts matching that condition.