1. **Student management system**

   Write a program that reads **students' names** followed by their **test scores**. The program should output each student's name followed by the test scores and the **relevant grade**. It should also find and print the highest test score and the name of the students having the highest test score.

   Student data should be stored in a struct variable of type **studentType**, which has four components: **studentFName** and **studentLName** of type string, **testScore** of type int (testScore is between 0 and 100), and **grade** of type char. Suppose that the class has 10 students. Use an array of 10 components of type studentType.

   Your program must contain at least the following functions:

   A. **A function to read the students' data into the array**
   B. **A function to assign the relevant grade to each student.**
   C. **A function to find the highest test score.**
   D. **A function to print the names of the students having the highest test score.**

Note:-Your program must output each student's name in this form: last name followed by a comma, followed by a space, followed by the first name; the name must be left justified. Moreover, other than declaring the variables and opening the input and output files, the function **main** should only be a collection of function calls.

2. **Restaurant Menu**

   Write a program to help a local restaurant automate its breakfast billing system. The program should do the following:

   A. **Show the customer the different breakfast items offered by the restaurant.**
   B. **Allow the customer to select more than one item from the menu.**
   C. **Calculate and print the bill.**

Assume that the restaurant offers the following breakfast items (the price of each item is shown to the right of the item):

Egg	35 birr
Enjera	30 birr
coffee	15 birr
Milk	25 birr
tea	10 birr
Siga firfir	45 birr

Use an array, **menuList**, of the struct **menuItemType**, as defined in Programming. Your program must contain at least the following functions:
Your program must contain at least the following functions:

A. **Function getData: This function loads the data into the array menuList.**
B. **Function showMenu: This function shows the different items offered by the restaurant and tells the user how to select the items.**
C. **Function printCheck: This function calculates and prints the check**

Note:-(billing amount should include a 5% tax.) A sample output is:

Welcome to MM's Restaurant

Egg	35 birr
Siga firfir	45 birr
Milk	25 birr
Tax	5.25 irr
Amount Due	110.25 birr

Format your output with two decimal places. The name of each item in the output must be left justified. You may assume that the user selects only one item of a particular type.