Write a C program to do the following tasks:

1) A text file "***employees.txt***" contains the information about 8 employees distributed in 4 lines:
   The first line contains 8 integer values represent the employee numbers.
   The second line contains the first name (max 10 letters) of 8 employees separated by either a **space**, **comma**, or a **semicolon**.
   The third line contains 8 float values represent the **hours** worked this week.
   The forth line contains 8 float values represent the **rate** per hour for each employee.

2) Given:

   ```
    #define len 8
    #define tax  0.15

    typedef  struct
    {    int enum;
         char name[10];
         float hours;
         float rate;
         float total_salary;
         floae tax_amount;
    } employee_record;
   ```

3) Define an array **AR** of structures of type "employee_record" of length 8.
4) Fill the array **AR** from the text file "***employees.txt***" When you read the names of the employee into the array, **Do not** use **fscanf** to read the names, input the whole line using function **fgets** and then use the function **strtok** only to get the the names.

5) Write a **void** function **calculate** which receives the array **AR** and **len** and calculate the weekly **total_salary** and the **tax_amount** for each employee, store their values in array **AR**.

   The total salary is calculated as follows:

   > If weekly hours worked is less than or equal 40 hours then:
   >   total_salary = hours * rate
   > If weekly hours worked is greater then:
   >   total_salary = 40 * rate + (hours – 40) * rate * 1.5

   The tax is calculated as :
   >   tax_amount = **tax** * total_salary

6) Write a function a **void** function **sort** which receives the array **AR** and **len** and sort the array **AR** on ascending order according to **name**.

7) Your program should print on another text file "*report.txt*" the following report:

Employee Name	Total Salary	Tax Amount	Net Salary
.	.		.
.	.		.
.			
	.	.	

You can test your program with the following text file:

111111 222222 333333 444444 555555 666666 777777 888888 999999
Sami;Mohammad Kamal,Waleed Maryam;Bayan Ahmad,Jaber
40.5 50 42.5 22.25 36 40 32.5 48
12.4 10.0 18.0 8.0 11.6 14.0 16.2 25.0

Notes:

- Submit your assignment through Ritaj webpage by replying to message **142-Ass4**.
- No assignment will be accepted through a regular message on Ritaj webpage, or by an Email.