TODO 2: Shell Script

Name: **ID#:**

You are required to build **CRUDS** (Create, Read, Update, Delete, Search) application that do **CRUDS** operations on **CSV** (comma separated value) file using shell scripts.
Your app should behave as following:

I.   Script will ask the user about the name of the file and check if it exists. If it is not existing, the script must print "file is not existing" and ask the user to enter the name of the file again. (I will send the file via ritaj) [2 Marks]

   ✓ File format: ID,Employee Name,,Salary,work hours
   ✓ E.X: 1,ahmad,2000,7

II.   Your app will display the menu that shows in Fig1. [1 Mark]

```
TODO#2: CRUDS APP
----------------
1- Read Data
2- Create/Add new entry
3- Update entry
4- Delete entry
5- Search
6- Exit
```

Fig1: Main Menu

III.   Your app must allow to user to choose option from the menu:

1. If user choose option 1, then your app will print (display) the csv file (that read in point 1) with tab separated instead of comma, and save the data to the file called "tmp.txt". [2 Marks]

2. Script will ask user to enter the employee name, salary and work hours, then it will add them to the tmp.txt file with maintaining the file format. [2 Marks]
   ❖ ID must increment automatically (it is not user input).

3. Script will ask the user if he/she will update the salary or work hours of specific employee name (ask user to enter the name). [3 Marks]

4. Delete specific employee entry (ask user to enter the name). [1 Mark]

5. Script will print (display) all employee's entry whose salaries above 2500. [3 Marks]

6. Your program must exit. [1 Mark]

Notes:
- If the user enters any option is not valid, your program must tell the user "wrong option" and let the user to try again.
- You can use **echo -e** to enable interpretation of backslash escapes.
- You can use the following code to read the file line by line:

while read line
do
echo $line
done < file_name

Good Luck 😋