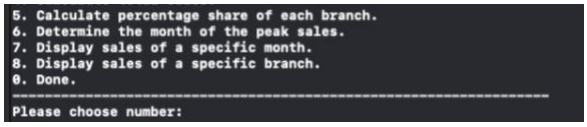
Retail Company Program

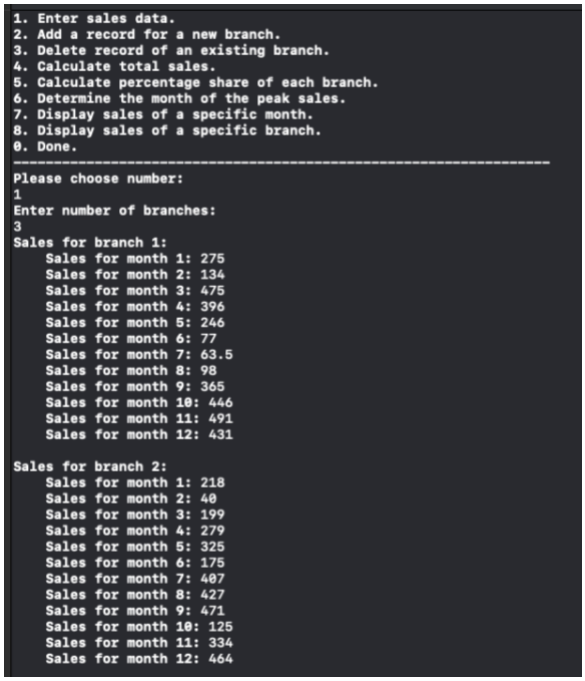
Function choose :

- This function to print list to choose from.



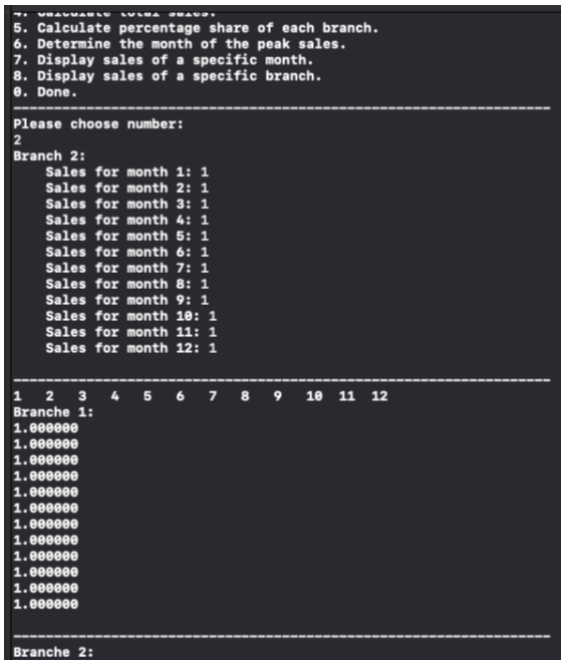
Function data :

- This function to collect data from user and but it in array.



Function add :

- This function to add new branch to array.

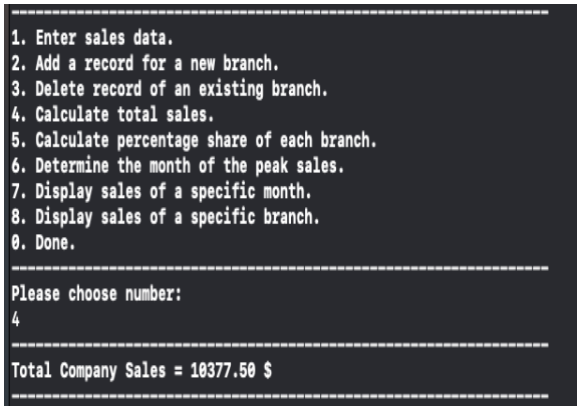


Function delete :

- This function to delete branch from array.

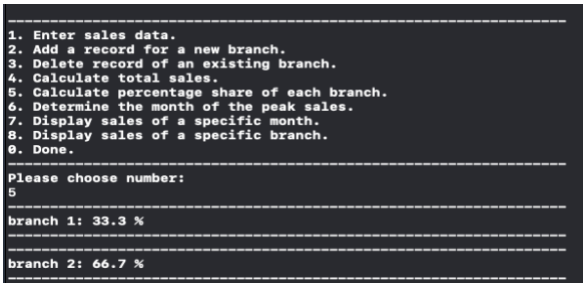
Function branchs_total :

- This function to calculate total from all branchs.



Function percentage :

- function to calculate this eqation ((percent/total)*100).

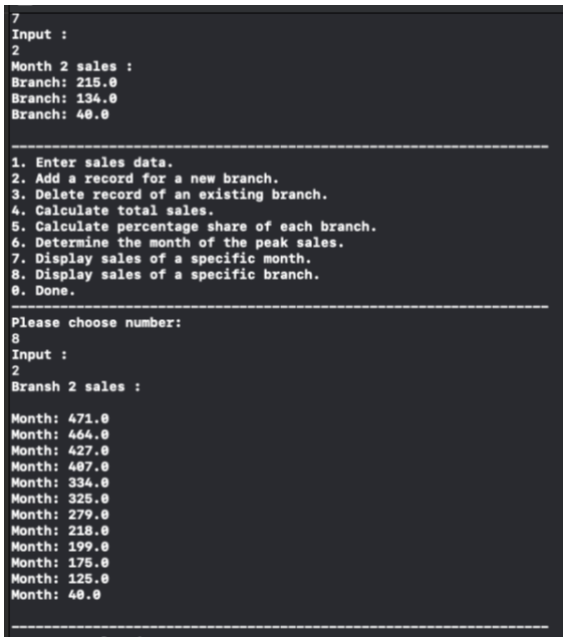


Function peak_sales :

- Function to calculate the largest month sales.

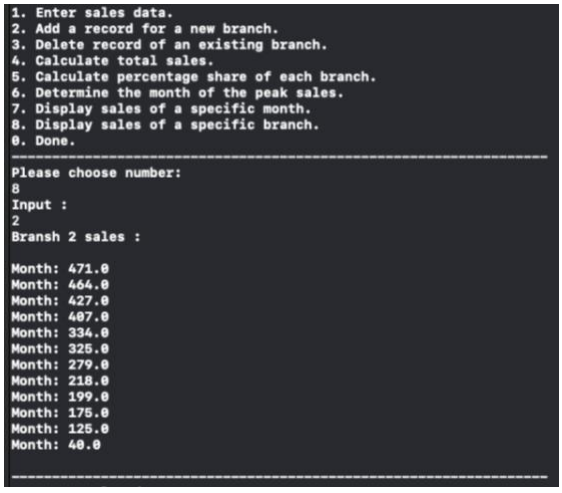
Function sales_of_month :

- Function to sort the sales data of a specific month in descending order.



Function sales_of_branch :

- Function to sort the sales data of a specific branch in descending order.



Function backup :

- Function to make a copy of the sales array in order to use it in the sorting functions and to keep backup of the original sales data.

```
float backup(){
    int i,j;
    sort = malloc(branch_numbers*sizeof(float*));

    for (i=0 ; i < 12 ; i++)
    {
        sort[i] = malloc(12*sizeof(float*));
    }

    for (i=0 ; i < branch_numbers ; i++)
    {
        for (j=0 ; j < 12 ; j++)
        {
            sort[i][j]=sales[i][j];
        }
    }
    return 0;
}
```

Notes :

- To end the program you must insert number (o).

To conclude this program helps the retail company owner to compute many calculations easily such as calculating total sales, Calculating share of each branch and sorting sales data.