

De La Salle University- Manila Gokongwei College of Engineering



Lab	Activity	Number	:	Project
Lab	Activity	Title	:	Project

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Instructor : Jay Robert B. del Rosario, PhD

Name of Student : Arciella Crisostomo

Student ID : 11918713

Subject / Section : LBYEC2A EEQ2

Remarks:		

Instructor's Signature :

Problem

Restaurant POS (Point of Sale) System

Create a basic Restaurant Point of Sale software using C-Language. Your restaurant must have at least 20 items to choose from.

To receive full credit, your software must have the minimum of the following features:

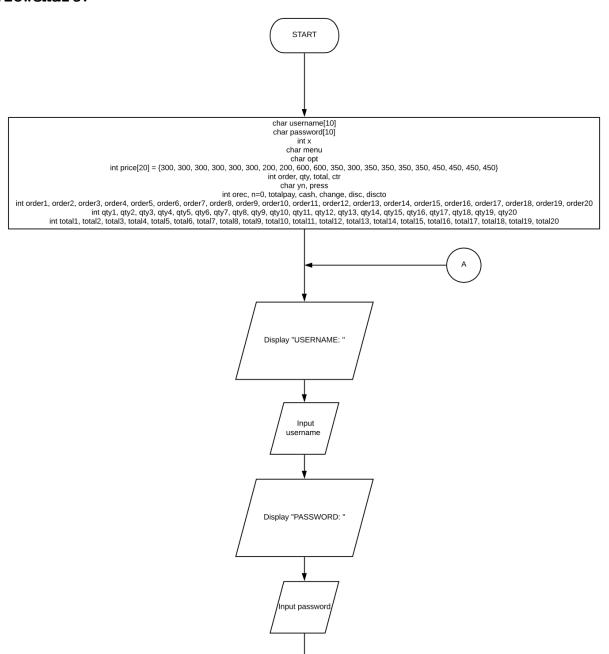
- I. Enhanced security and anti-fraud protection
- Use of string functions
- System is encrypted with username and password
- Your project must include 3 sets of username and password.
- username and password must not exceed 20 characters long
 - II. Menu Display
- Use of void functions
- After a successful log-in, the program must display the restaurant's menu
- There are at least 20 menu items with corresponding code, name of the menu item, and price.
 - III. Action on Orders
- using Arrays, Functions. Conditional and Looping Statements
- After displaying the menu, the program will display the restaurant's options
- Back to Menu option will display the restaurant's menu again (II.)
- Take Order option will input orders by item code and automatically computes the total price
 - IV. Receipt
- Using Functions, Conditional and Looping Statements
- Receipt will show the summary of orders, quantity, price, and total
- An option for discount must also be included
- The program will accept cash payments and the system will display the amount of change to return.
 - V. others

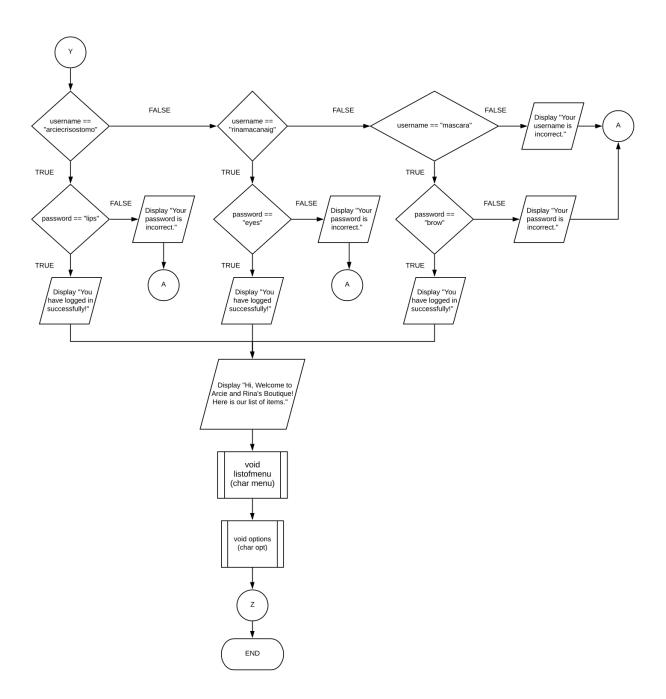
You may include logical assumptions as part of your program provided that it is necessary.

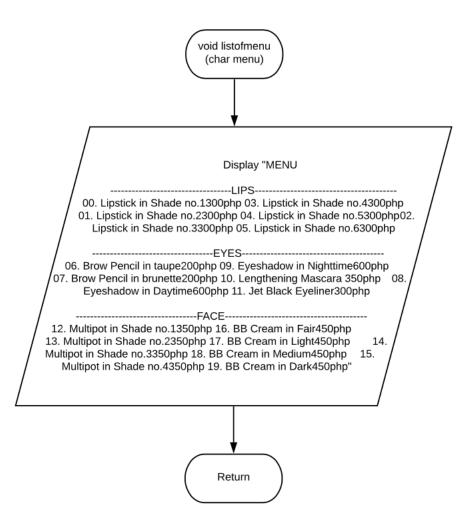
Important Notes:

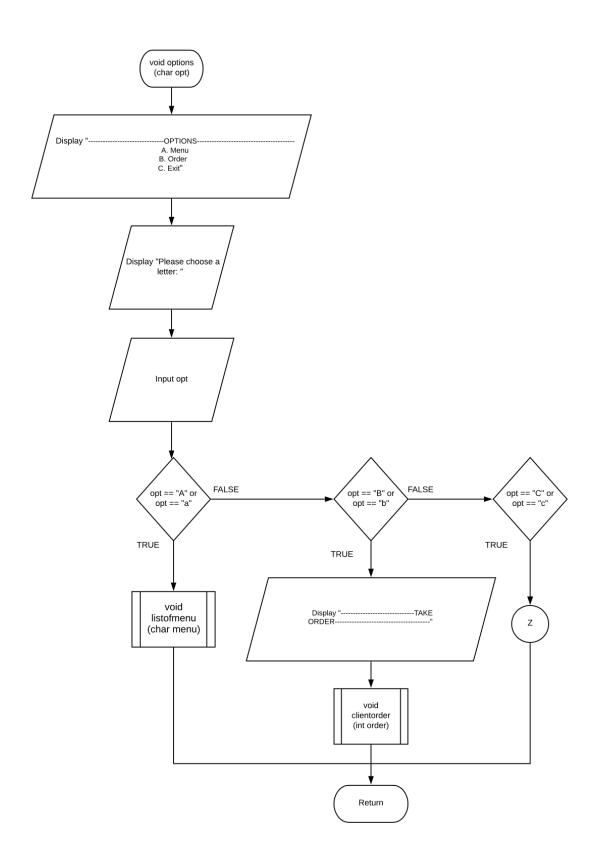
- -This is a group project (by pair).
- -Open source programs/codes are not allowed.
- -Academic honesty should be observed at all times.

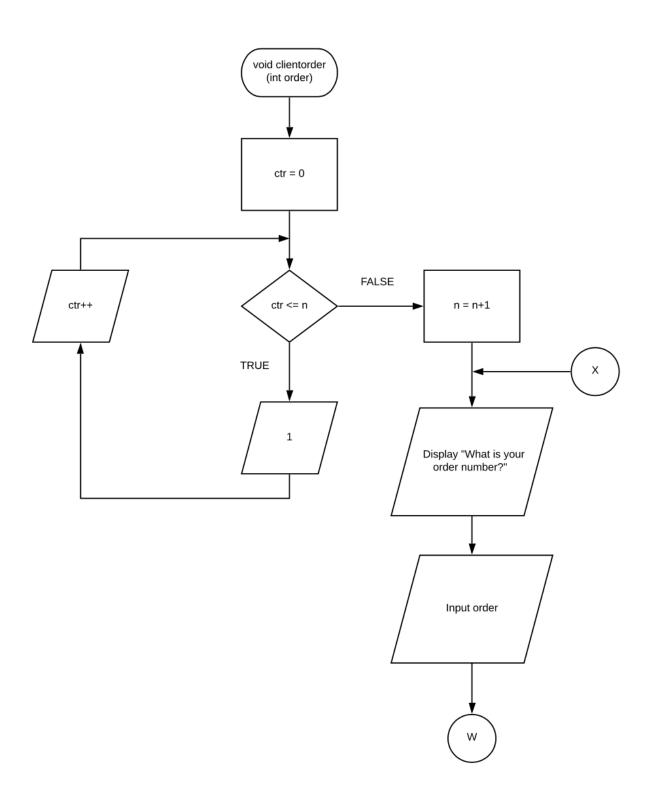
Flowchart:

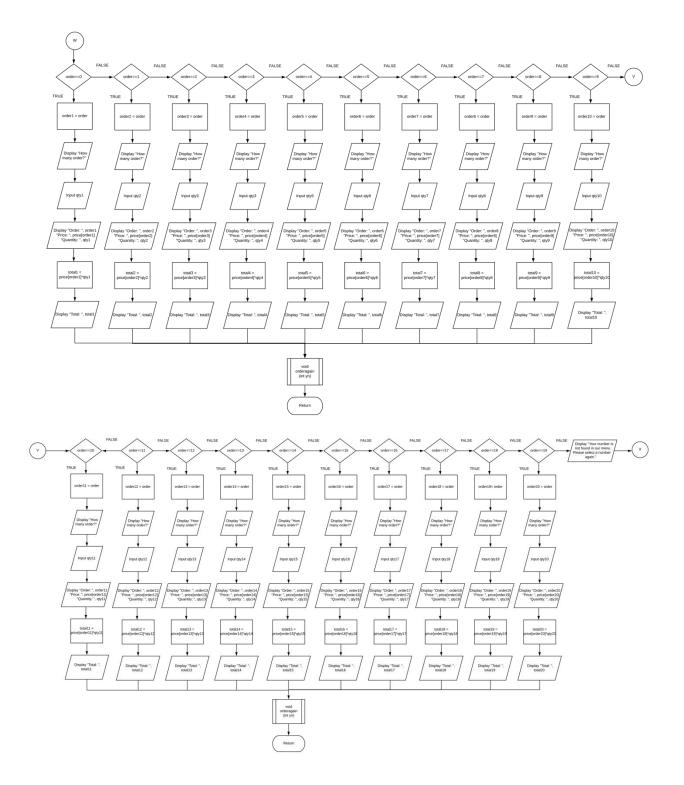


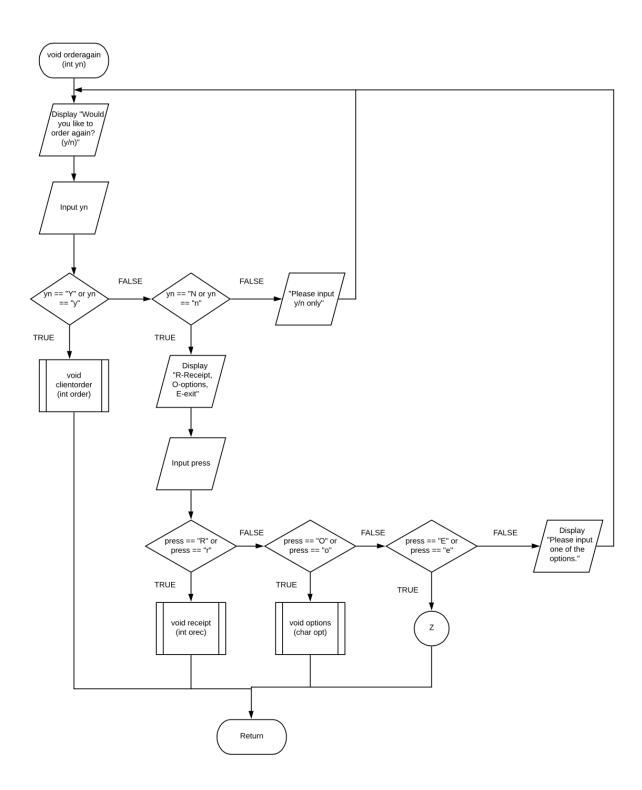


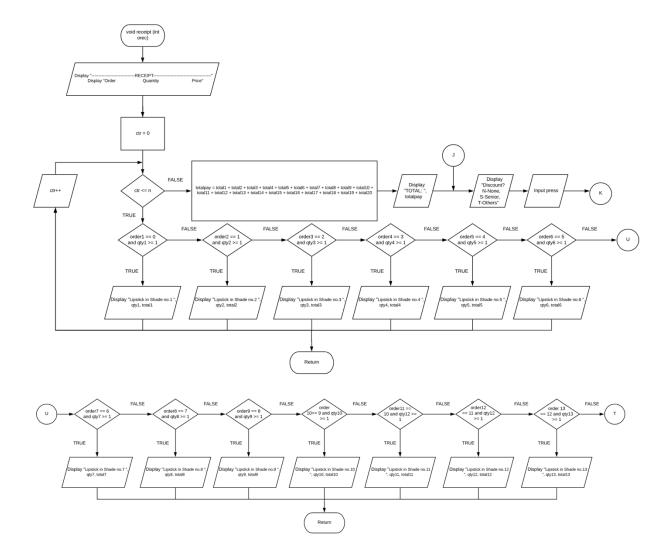


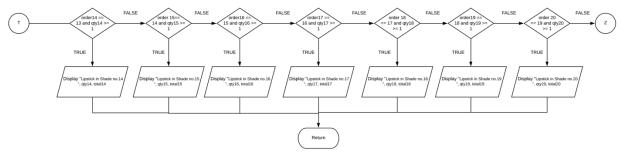


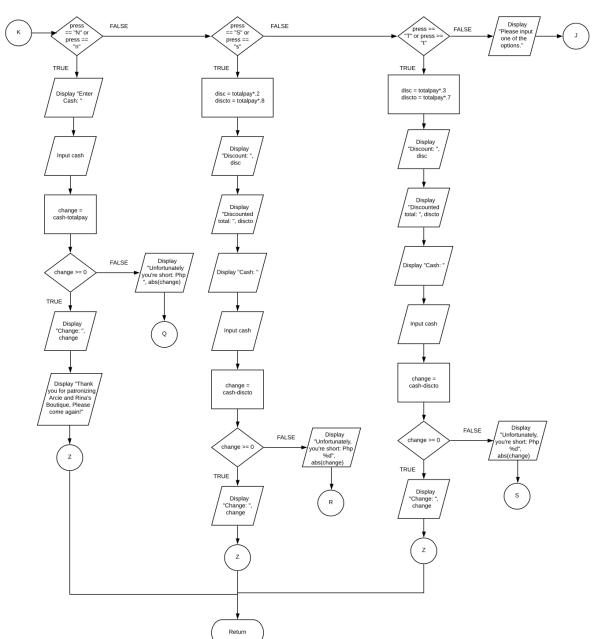


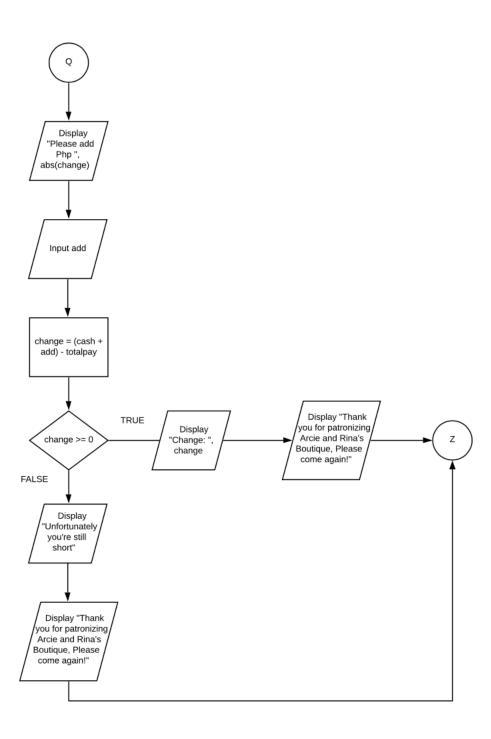


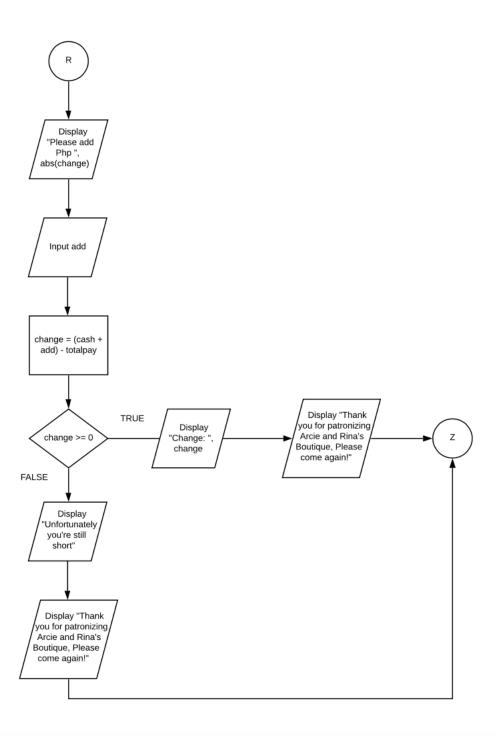


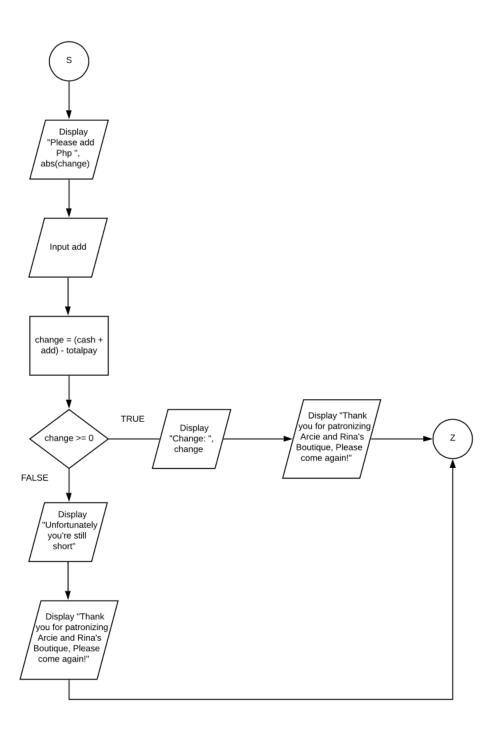












```
C-Language codes:
//header files
#include<conio.h>
#include<stdlib.h>
#include<windows.h>
/*Variabe declarations*/
char username[10];//variables need for enhanced security
char password[10];
int x;
void listofmenu(char menu);//function for menu
char menu;//variable for menu
void options(char opt);//function for options
char opt;//variable for options
int
price[20]={300,300,300,300,300,300,200,200,600,600,350,300,350,350,350,350,450,450,450,45
0};//we defined the price of each product so it will be easier to read.
void clientorder(int order);//function for order
int order,qty,total,ctr;//variable for order
void orderagain(char yn);//function for yes or no option
char yn,press;//variables for order
void receipt(int orec);//function for receipt
int orec,n=0,totalpay,cash,change,disc,discto,add;//variables for receipt
order1,order2,order3,order4,order5,order6,order7,order8,order9,order10,order11,order12,order13
order14, order15, order16, order17, order18, order19, order20;
qty1,qty2,qty3,qty4,qty5,qty6,qty7,qty8,qty9,qty10,qty11,qty12,qty13,qty14,qty15,qty16,qty17,q
ty18,qty19,qty20;
```

total1, total2, total3, total4, total5, total6, total7, total8, total9, total10, total11, total12, total13, total14, t

al15,total16,total17,total18,total19,total20;

```
int main()//start the program
       printf("USERNAME: ");//ask user for username and password
       scanf("%s", &username);
       printf("PASSWORD: ");
       for (x = 0; x < 4; x++)//loop used to hide password
              password[x]=getch();
              printf("*");
       }
       /*3 sets of account:
       (lipstick, lips)
       (eyeshadow, eyes)
       (mascara, brow)
       that can allow access*/
       if(strcmp(username, "arciecrisostomo")==0)
              if(strcmp(password,"lips")==0)
                      printf("\nYou have logged in successfully!");
              else
                      printf("\nYour password is incorrect.\n");
                      main();
       }
       else if(strcmp(username, "rinamacainag")==0)
              if(strcmp(password,"eyes")==0)
                      printf("\nYou have logged in successfully!");
              else
                      printf("\nYour password is incorrect.\n");
                      main();
       }
       else if(strcmp(username, "mascara")==0)
              if(strcmp(password,"brow")==0)
```

```
printf("\nYou have logged in successfully!");
            }
            else
                  printf("\nYour password is incorrect.\n");
                  main();
      }
      else
      {
            printf("\nYour username is incorrect.\n");
            main();
      }
      printf("\n");
      printf("\nHi, Welcome to Arcie and Rina's Boutique!");
  printf("\nHere is our list of items.");
  listofmenu(menu);//go to menu function
  return 0;
}//end of main function
      void listofmenu(char menu)//menu function
      printf("\n
                                      MENU
                                                                    ");//menu
display
  printf("\n");
  printf("\n-----");
      printf("\n00. Lipstick in Shade no. 1 Php300 03. Lipstick in Shade no. 4
Php300\n01. Lipstick in Shade no. 2 Php300 04. Lipstick in Shade no. 5 Php300\n02.
Lipstick in Shade no. 3 Php300 05. Lipstick in Shade no. 6 Php300");
      printf("\n");
      printf("\n");
printf("\n-----");
  printf("\n06. Brow Pencil in Taupe Php200 09. Eyeshadow in Nighttime Php600 \n07.
Brow Pencil in Brunette Php200 10. Lengthening Mascara Php350\n08. Eyeshadow in
                  11. Jet Black Eyeliner Php300");
Daytime Php600
  printf("\n");
      printf("\n-----");
  printf("\n12. Multipot in Shade no. 1 Php350 16. BB Cream in Fair Php450\n13. Multipot
in Shade no. 2 Php350
                         17. BB Cream in Light Php450\n14. Multipot in Shade no. 3
          18. BB Cream in Medium Php450\n15. Multipot in Shade no.4 Php350 19. BB
Cream in Dark Php450");
      printf("\n");
```

```
printf("\nPress any key to continue.");
      getch();//allows program to continue only if the user press any key
  options(opt);//go to option function
       }//end of main function
       void options(char opt)//option function
              printf("\n------OPTIONS------
");//print options
              printf("\nA. Menu");
              printf("\nB. Order");
              printf("\nC. Exit");
              printf("\n");
              printf("\nPlease choose a letter: ");//ask user for option
              scanf("%s", &opt);
              printf("\n");
              if(opt =='A'||opt=='a')//if and else statements used because each option results in
different outcomes
                     system("cls");//clear system before displaying menu
                     listofmenu(menu);//go to menu function, display the menu once again
              else if(opt=='B'||opt=='b')
                     printf("\n-----TAKE ORDER------
----\n"):
                     printf("\n");
                     clientorder(order);//go to take order function
              else if(opt=='C'||opt=='c')
                     exit (0);//end program
    else {
       printf("Please select one of the options.\n");
       options(opt);//loop print of option function until the user chooses one of the options
       }//end of option function
       void clientorder(int order)//function fo taking orders
              for(ctr=0;ctr<=n;ctr++)//loop to know how many order the user will take
```

```
{
                      1;
              n=n+1;//n is intially 1 but when the user inputs y (yes, order again), it will add 1
       printf("What is your order number?");//asks user for order number
       scanf("%d",&order);
       if(order==0){//if and else statements for each product
       order1=order;//to equal "0" code in the menu as order1 code for computing easily since
"0" has a value(array)
       printf("How many order? ");//asks for quantity
       scanf("%d",&qty1);
       printf("Order: %d", order1);
       printf("\nPrice: %d", price[order1]);
       printf("\nQuantity: %d", qty1);
       total1= price[order1]*qty1;
       printf("\nTotal: %d", total1);}
       else if(order==1){
       order2=order;
       printf("How many order? ");
       scanf("%d",&qty2);
       printf("Order: %d", order2);
       printf("\nPrice: %d", price[order2]);
       printf("\nQuantity: %d", qty2);
       total2= price[order2]*qty2;
       printf("\nTotal: %d", total2);}
       else if(order==2){
       order3=order;
       printf("How many order? ");
       scanf("%d",&qty3);
       printf("Order: %d", order3);
       printf("\nPrice: %d", price[order3]);
       printf("\nQuantity: %d", qty3);
       total3= price[order3]*qty3;
       printf("\nTotal: %d", total3);}
       else if(order==3){
       order4=order;
       printf("How many order? ");
       scanf("%d",&qty4);
       printf("Order: %d ", order4);
       printf("\nPrice: %d", price[order4]);
       printf("\nQuantity: %d", qty4);
       total4= price[order4]*qty4;
```

```
printf("\nTotal: %d", total4);}
     else if(order==4){
     order5=order;
     printf("How many order? ");
     scanf("%d",&qty5);
     printf("Order: %d ", order5);
     printf("\nPrice: %d", price[order5]);
     printf("\nQuantity: %d", qty5);
     total5= price[order5]*qty5;
     printf("\nTotal: %d", total5);}
     else if(order==5){
     order6=order;
     printf("How many order? ");
     scanf("%d",&qty6);
     printf("Order: %d ", order6);
     printf("\nPrice: %d", price[order6]);
     printf("\nQuantity: %d", qty6);
     total6= price[order6]*qty6;
     printf("\nTotal: %d", total6);}
     else if(order==6){
     order7=order;
     printf("How many order? ");
     scanf("%d",&qty7);
     printf("Order: %d ", order7);
     printf("\nPrice: %d", price[order7]);
     printf("\nQuantity: %d", qty7);
     total7= price[order7]*qty7;
     printf("\nTotal: %d", total7);}
else if(order==7){
     order8=order;
     printf("How many order? ");
     scanf("%d",&qty8);
     printf("Order: %d ", order8);
     printf("\nPrice: %d", price[order8]);
     printf("\nQuantity: %d", qty8);
     total8= price[order8]*qty8;
     printf("\nTotal: %d", total8);}
else if(order==8){
     order9=order;
     printf("How many order? ");
     scanf("%d",&qty9);
```

```
printf("Order: %d ", order9);
     printf("\nPrice: %d", price[order9]);
     printf("\nQuantity: %d", qty9);
     total9= price[order9]*qty9;
     printf("\nTotal: %d", total9);}
else if(order==9){
     order10=order;
     printf("How many order? ");
     scanf("%d",&qty10);
     printf("Order: %d ", order10);
     printf("\nPrice: %d", price[order10]);
     printf("\nQuantity: %d", qty10);
     total10= price[order10]*qty10;
     printf("\nTotal: %d", total10);}
else if(order==10){
     order11=order;
     printf("How many order? ");
     scanf("%d",&qty11);
     printf("Order: %d ", order11);
     printf("\nPrice: %d", price[order11]);
     printf("\nQuantity: %d", qty11);
     total11= price[order11]*qty11;
     printf("\nTotal: %d", total11);}
else if(order==11){
     order12=order;
     printf("How many order? ");
     scanf("%d",&qty12);
     printf("Order: %d ", order12);
     printf("\nPrice: %d", price[order12]);
     printf("\nQuantity: %d", qty12);
     total12= price[order12]*qty12;
     printf("\nTotal: %d", total12);}
else if(order==12){
     order13=order;
     printf("How many order? ");
     scanf("%d",&qty13);
     printf("Order: %d ", order13);
     printf("\nPrice: %d", price[order13]);
     printf("\nQuantity: %d", qty13);
     total13= price[order13]*qty13;
     printf("\nTotal: %d", total13);}
```

```
else if(order==13){
order14=order;
printf("How many order? ");
scanf("%d",&qty14);
printf("Order: %d ", order14);
printf("\nPrice: %d", price[order14]);
printf("\nQuantity: %d", qty14);
total14= price[order14]*qty14;
printf("\nTotal: %d", total14);}
else if(order==14){
order15=order;
printf("How many order? ");
scanf("%d",&qty15);
printf("Order: %d ", order15);
printf("\nPrice: %d", price[order15]);
printf("\nQuantity: %d", qty15);
total15= price[order15]*qty15;
printf("\nTotal: %d", total15);}
else if(order==15){
order16=order;
printf("How many order? ");
scanf("%d",&qty16);
printf("Order: %d ", order16);
printf("\nPrice: %d", price[order16]);
printf("\nQuantity: %d", qty16);
total16= price[order16]*qty16;
printf("\nTotal: %d", total16);}
else if(order==16){
order17=order;
printf("How many order? ");
scanf("%d",&qty17);
printf("Order: %d ", order17);
printf("\nPrice: %d", price[order17]);
printf("\nQuantity: %d", qty17);
total17= price[order17]*qty17;
printf("\nTotal: %d", total17);}
else if(order==17){
order18=order;
printf("How many order? ");
scanf("%d",&qty18);
printf("Order: %d ", order18);
printf("\nPrice: %d", price[order18]);
```

```
printf("\nQuantity: %d", qty4);
       total18= price[order18]*qty18;
       printf("\nTotal: %d", total18);}
       else if(order==18){
       order19=order;
       printf("How many order? ");
       scanf("%d",&qty19);
       printf("Order: %d ", order19);
       printf("\nPrice: %d", price[order19]);
       printf("\nQuantity: %d", qty19);
       total19= price[order19]*qty19;
       printf("\nTotal: %d", total19);}
       else if(order==19){
       order20=order;
       printf("How many order? ");
       scanf("%d",&qty20);
       printf("Order: %d ", order20);
       printf("\nPrice: %d", price[order20]);
       printf("\nQuantity: %d", qty20);
       total20= price[order20]*qty20;
       printf("\nTotal: %d", total20);}
  else//loop order if ever the user inputs wrong item code
     printf("Your number is not found in our menu. Please select a number again.\n");
     clientorder(order);
  }
       orderagain(yn);//go to function for order again (y/n)
       }//end of function take order
       void orderagain(char yn)//function for order again
       printf("\nWould you like to order again(y/n)?");
       scanf("%s",&yn);
  if(yn=='Y'||yn=='y')
               clientorder(order);//will take you back to take order function again
       else if(yn=='N'||yn=='n')//records all order then proceed to: option again (but this time we
did not made it a different function
       printf("Press R-receipt, O-options, E-exit: ");
```

```
scanf("%s",&press);
       if(press=='R'||press=='r')
              receipt(orec);//go to receipt function
       else if(press=='O'||press=='o')
              options(opt);//go to option function
       else if(press=='E'||press=='e')
              exit (0);//end program
       }
       else
              printf("Please input y/n only");//if the user inputs none of the option
              orderagain(yn);//loop to option function again
}//end of function
       void receipt(int orec)//function for receipt
              printf("\n-----\n");
              printf("Order
                                             Quantity
                                                                       Price");
              for(ctr=0;ctr<=n;ctr++){//loop like earlier to display how many orders the user
chose. eg: the user ordered/INPUT 3x, in receipt function they will loop the PRINT 3x too
              if(order1==0 && qty1>=1)//if and else statements for diff order codes
                     printf("\nLipstick in Shade no. 1
                                                                %d
%d",qty1,total1);
              if(order2==1 \&\& qty2>=1)
                     printf("\nLipstick in Shade no. 2
                                                                %d
%d",qty2,total2);
              if(order3==2 \&\& qty3>=1)
                     printf("\nLipstick in Shade no. 3
                                                                %d
%d",qty3,total3);
              if(order4==3 \&\& qty4>=1)
```

```
printf("\nLipstick in Shade no. 4
                                                               %d
%d",qty4,total4);
             if(order5==4 && qty5>=1)
                     printf("\nLipstick in Shade no. 5
                                                               %d
%d",qty5,total5);
              if(order6==5 && qty6>=1)
                     printf("\nLipstick in Shade no. 6
                                                               %d
%d",qty6,total6);
              if(order7==6 && qty7>=1)
                     printf("\nBrow Pencil in Taupe
                                                               %d
%d",qty7,total7);
              if(order8==7 && qty8>=1)
                     printf("\nBrow Pencil in Brunette
                                                               %d
%d",qty8,total8);
              if(order9==8 && qty9>=1)
                     printf("\nEyeshadow in Daytime
                                                               %d
%d",qty9,total9);
              if(order10==9 && qty10>=1)
                     printf("\nEyeshadow in Nighttime
                                                               %d
%d",qty10,total10);
              if(order11==10 && qty11>=1)
                     printf("\nLengthening Mascara
                                                               %d
%d",qty11,total11);
              if(order12==11 && qty12>=1)
                     printf("\nJet Black Liner
                                                               %d
%d",qty12,total12);
              if(order13==12 && qty13>=1)
```

```
printf("\nMultipot in Shade no. 1
                                                                 %d
%d",qty13,total13);
              if(order14==13 && qty14>=1)
                     printf("\nMultipot in Shade no. 2
                                                                 %d
%d",qty14,total14);
              if(order15==14 && qty15>=1)
                     printf("\nMultipot in Shade no. 3
                                                                 %d
%d",qty15,total15);
              if(order16==15 \&\& qty16>=1)
                     printf("\nMultipot in Shade no. 4
                                                                 %d
%d",qty16,total16);
              if(order17==16 && qty17>=1)
                     printf("\nBB Cream in Fair
                                                          %d
%d",qty17,total17);
              if(order18==17 && qty18>=1)
                     printf("\nBB Cream in light
                                                          %d
%d",qty18,total18);
              if(order19==18 && qty19>=1)
                     printf("\nBB Cream in medium
                                                                 %d
%d",qty19,total19);
              if(order20==19 && qty20>=1)
                     printf("\nBB Cream in dark
                                                          %d
%d",qty20,total20);
       totalpay = total1 + total2 + total3 + total4 + total5 + total6 + total7 + total8 + total9 + total10 + total11
+total12+total13+total14+total15+total16+total17+total18+total19+total20;//computes for the
total all in all
              printf("\nTOTAL:
%d",totalpay);
              CHOICE://for go to function
```

```
printf("\nDiscount? N-None, S-Senior, T-Others: ");//another option, this time for
possible discounts
               scanf("%s",&press);
       if(press=='N'||press=='n')//meaning no discount
               printf("Enter Cash: ");
               scanf("%d",&cash);
               change=cash-totalpay;//computes for change after input of cash
                      if(change>=0)//if the user inputs either an exact or extra amount
               printf("Change: %d",change);//prints change
              printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please come
again!");
               exit (0);//end program
               else//if the user inputs short cash
                      printf("Unfortunately, you're short: Php%d", abs(change));
                      printf("\nPlease add Php%d: ",abs(change));//program asks for short
payment
                      scanf("%d",&add);
                      change=(cash+add)-totalpay;//computes for final balance
                      if(change>=0)//if the additional payment is enough
              printf("Change: %d",change);//print change
               printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please come
again!");
               exit (0);//end program
               else if(change<0)//if the user gave a short amount of cash again
                      printf("Unfortunately you're still short");//print that they are still short in
cash
                      printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please
come again!");
                      exit (0);//end program
               else if(press=='S'||press=='s')//gives 20 percent discount in the users total
               disc=totalpay*.2;
               discto=totalpay*.8;
                      printf("\nDiscount: %d",disc);
               printf("\nDiscounted Total: %d",discto);
```

```
printf("\nEnter Cash: ");
               scanf("%d",&cash);
              change = cash-discto;
              if(change>=0)//if the user inputs either an exact or extra amount
               printf("Change: %d",change);//prints change
              printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please come
again!");
               exit (0);//end program
               else//if the user inputs short cash
                      printf("Unfortunately, you're short: Php%d", abs(change));
                      printf("\nPlease add Php%d: ",abs(change));//program asks for short
payment
                      scanf("%d",&add);
                      change=(cash+add)-discto;//computes for final balance
                      if(change>=0)//if the additional payment is enough
              printf("Change: %d",change);//print change
              printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please come
again!");
               exit (0);//end program
              else if(change<0)//if the user gave a short amount of cash again
                      printf("Unfortunately you're still short");//print that they are still short in
cash
                      printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please
come again!");
                      exit (0);//end program
                      }
               else if(press=='T'||press=='t')//gives 30 percent discount in the users total
               disc = totalpay*.3;
               discto = totalpay*.7;
               printf("\nDiscount: %d",disc);
              printf("\nDiscounted Total: %d",discto);
                      printf("\nEnter Cash: ");
               scanf("%d", &cash);
              change = cash-discto;
              if(change>=0)//if the user inputs either an exact or extra amount
```

```
printf("Change: %d",change);//prints change
              printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please come
again!");
              exit (0);//end program
              else//if the user inputs short cash
                      printf("Unfortunately, you're short: Php%d", abs(change));
                      printf("\nPlease add Php%d: ",abs(change));//program asks for short
payment
                      scanf("%d",&add);
                      change=(cash+add)-discto;//computes for final balance
                      if(change>=0)//if the additional payment is enough
              printf("Change: %d",change);//print change
              printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please come
again!");
              exit (0);//end program
              else if(change<0)//if the user gave a short amount of cash again
                      printf("Unfortunately you're still short");//print that they are still short in
cash
                      printf("\nThank you for Patronizing Arcie and Rina's Boutique, Please
come again!");
                      exit (0);//end program
              else
              printf("Please input one of the options");
              goto CHOICE;//go to function to go back to the choice options for discount
       }//end receipt function
```

Output Screenshots:

USERNAME: mascara
PASSWORD: ***

```
USERNAME: mascara
PASSWORD: ****
You have logged in successfully!
Hi, Welcome to Arcie and Rina's Boutique!
Here is our list of items.
                               MENU
                        -----LIPS-----
00. Lipstick in Shade no. 1 Php300
                                    03. Lipstick in Shade no. 4 Php300
01. Lipstick in Shade no. 2 Php300
                                     04. Lipstick in Shade no. 5 Php300
02. Lipstick in Shade no. 3 Php300
                                     05. Lipstick in Shade no. 6 Php300
                     -----EYES-----
06. Brow Pencil in Taupe Php200
                                     09. Eyeshadow in Nighttime Php600
07. Brow Pencil in Brunette Php200
                                     10. Lengthening Mascara Php350
                                     11. Jet Black Eyeliner Php300
08. Eyeshadow in Daytime Php600
       -----FACE-----
12. Multipot in Shade no. 1
                          Php350
                                    16. BB Cream in Fair Php450
13. Multipot in Shade no. 2 Php350
                                     17. BB Cream in Light Php450
14. Multipot in Shade no. 3 Php350
                                     18. BB Cream in Medium Php450
15. Multipot in Shade no.4 Php350
                                     19. BB Cream in Dark Php450
Press any key to continue.
```

```
USERNAME: mascara
PASSWORD: ****
You have logged in successfully!
Hi, Welcome to Arcie and Rina's Boutique!
Here is our list of items.
                                                       MENU
01. Lipstick in Shade no. 1 Php300 03. Lipstick in Shade no. 4 Php300 04. Lipstick in Shade no. 5 Php300 02. Lipstick in Shade no. 3 Php300 05. Lipstick in Shade no. 6 Ph 300
                                         ----LIPS----
                             -----EYES----

86. Brow Pencil in Taupe Php200
87. Brow Pencil in Brunette Php200
88. Eyeshadow in Daytime Php600
99. Eyeshadow in Nighttime Php600
10. Lengthening Mascara Php350
11. Jet Black Eyeliner Php300

                                         -----FACE-----
12. Multipot in Shade no. 1 Php350
13. Multipot in Shade no. 2 Php350
14. Multipot in Shade no. 3 Php350
15. Multipot in Shade no. 4 Php350
16. BB Cream in Fair Php450
17. BB Cream in Medium Php450
19. BB Cream in Dark Php450
Press any key to continue.
              -----OPTIONS-----
A. Menu
B. Order
C. Exit
Please choose a letter: _
```

.IPS
03. Lipstick in Shade no. 4 Php300
04. Lipstick in Shade no. 5 Php300
05. Lipstick in Shade no. 6 Php300
YES
09. Eyeshadow in Nighttime Php600
10. Lengthening Mascara Php350
11. Jet Black Eyeliner Php300
ACE
16. BB Cream in Fair Php450
17. BB Cream in Light Php450
18. BB Cream in Medium Php450
19. BB Cream in Dark Php450
ONS
ORDER

```
A. Menu
B. Order
C. Exit
Please choose a letter: B
 -----TAKE ORDER-----
What is your order number? 4
How many order? 2
Order: 4
Price: 300
Quantity: 2
Total: 600
Would you like to order again(y/n)? Y
What is your order number? 15
How many order? 4
Order: 15
Price: 350
Quantity: 4
Total: 1400
Would you like to order again(y/n)? Y
What is your order number? 8
How many order? 1
Order: 8
Price: 600
Quantity: 1
Total: 600
Would you like to order again(y/n)? N
Press R-receipt, O-options, E-exit:
```

```
-----TAKE ORDER-----
What is your order number? 4
How many order? 2
Order: 4
Price: 300
Quantity: 2
Total: 600
Would you like to order again(y/n)? Y
What is your order number? 15
How many order? 4
Order: 15
Price: 350
Quantity: 4
Total: 1400
Would you like to order again(y/n)? Y
What is your order number? 8
How many order? 1
Order: 8
Price: 600
Quantity: 1
Total: 600
Would you like to order again(y/n)? N
Press R-receipt, O-options, E-exit: R
 -----RECEIPT-----
Order
                          Quantity
                                                   Price
Lipstick in Shade no. 5
                                                    600
                             2
Eyeshadow in Daytime
                                                    600
                             1
Multipot in Shade no. 4
                             4
                                                    1400
TOTAL:
                                                    2600
Discount? N-None, S-Senior, T-Others:
```

```
What is your order number? 15
How many order? 4
Order: 15
Price: 350
Quantity: 4
Total: 1400
Would you like to order again(y/n)? Y
What is your order number? 8
How many order? 1
Order: 8
Price: 600
Quantity: 1
Total: 600
Would you like to order again(y/n)? N
Press R-receipt, O-options, E-exit: R
  -----RECEIPT----
Order
                          Quantity
                                                  Price
Lipstick in Shade no. 5
                           2
                                                     600
Eyeshadow in Daytime
                             1
                                                     600
                         4
Multipot in Shade no. 4
                                                    1400
TOTAL:
                                                     2600
Discount? N-None, S-Senior, T-Others: S
Discount: 520
Discounted Total: 2080
Enter Cash: 3000
Change: 920
Thank you for Patronizing Arcie and Rina's Boutique, Please come again!
Process exited after 105.9 seconds with return value 0
Press any key to continue . . . _
```