

# JaMe Coffee Shop

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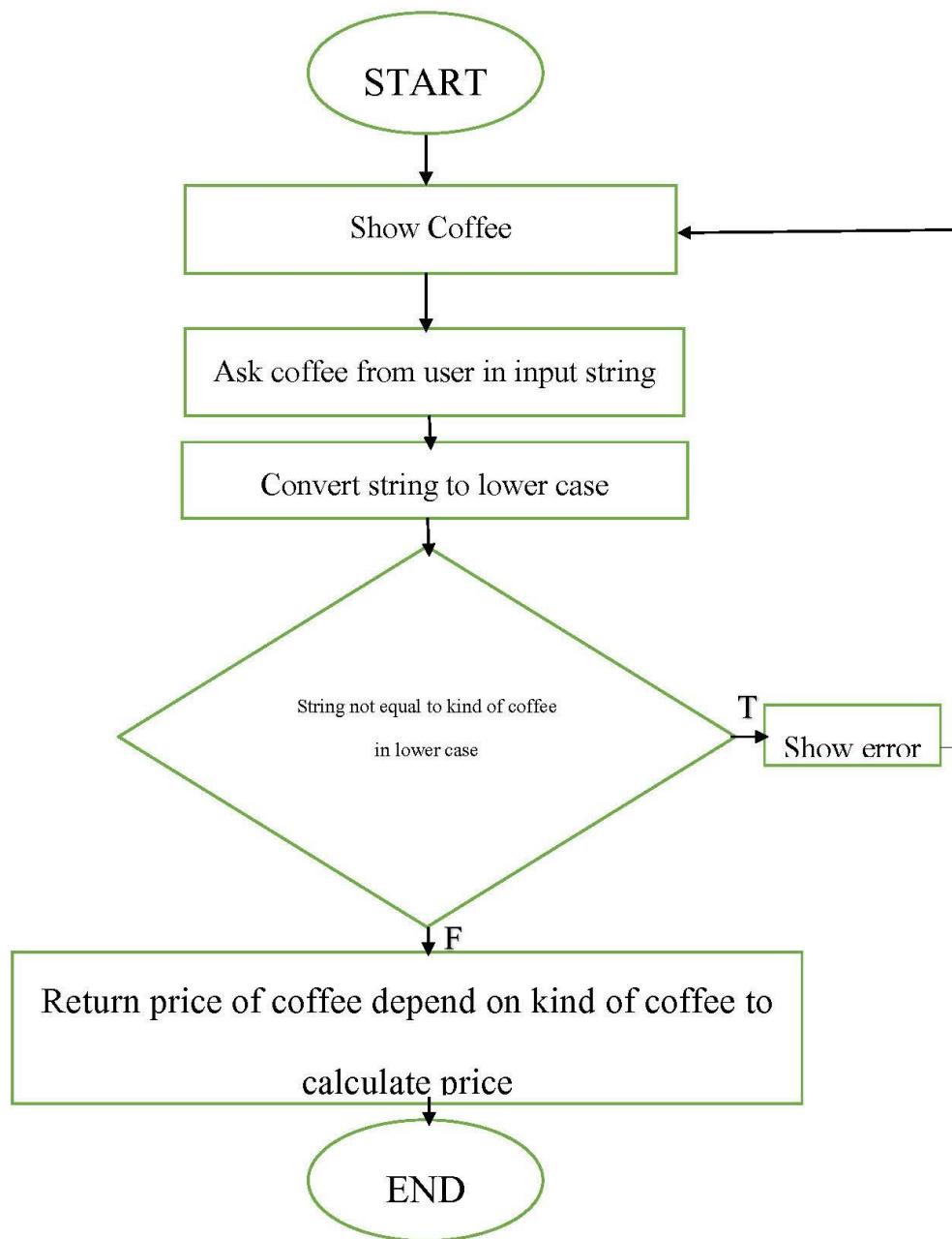
# Coffee Shop

Ask each customer for a member code (1 Character,5 digits), if not this is a non-member If the customer enters “ -1 ”, program will show the end of the day and print the summary member ,non-member ,income ,discount and reduced income by discount . Firstly, program will ask for the type of coffee i.e. Espresso(\$30), Latte(\$40), Cappuccino(\$45), Cocoa(\$35), the size that is Small or Large(It will charge double of price), temperature namely Hot or Cold(it will charge 15%). Finally, program will ask amount of coffee that you bought.

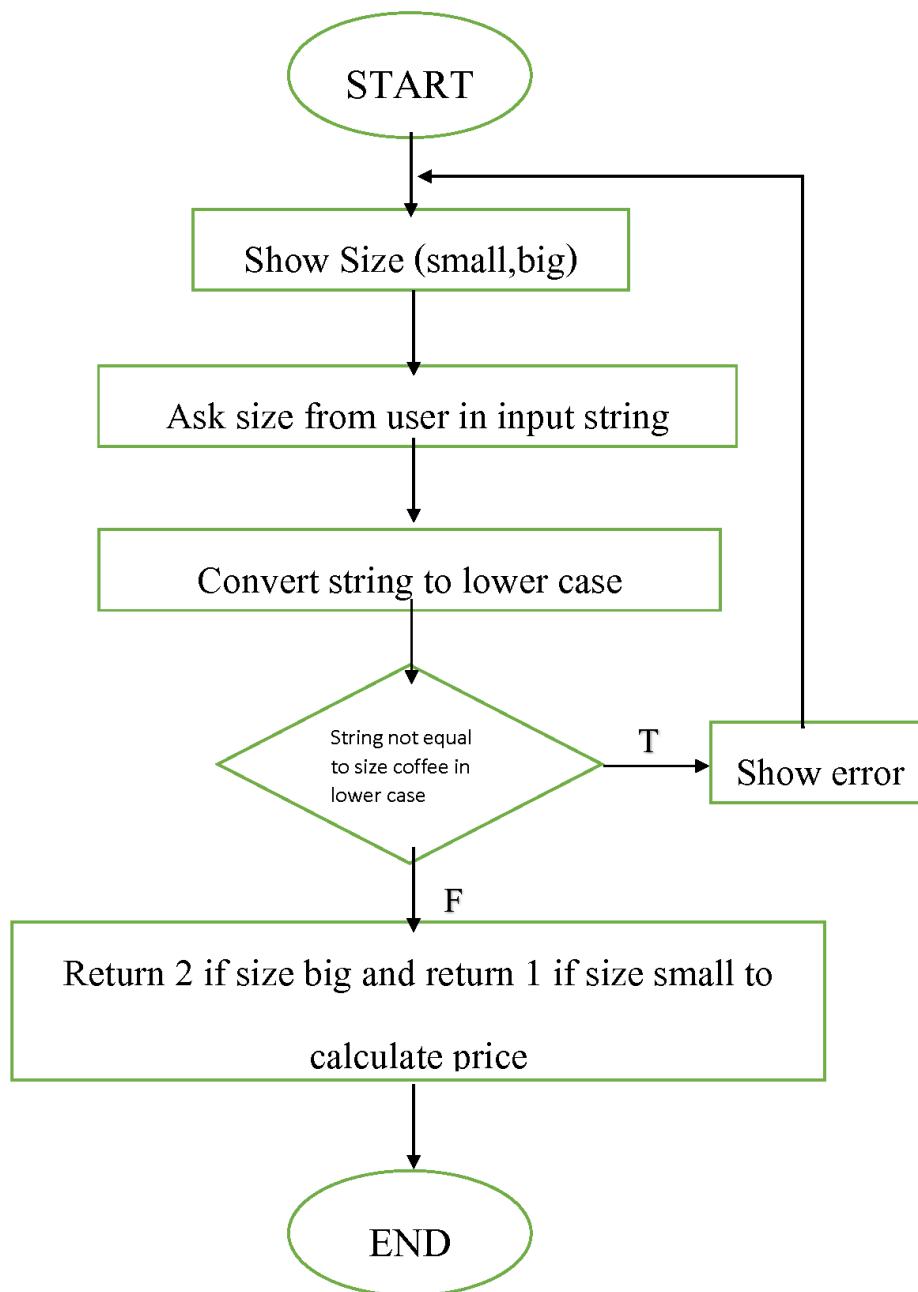
Members get a 30% discount on all purchases. When the customer enters the word “NONE” for drink type will print a bill for the table showing each drink ordered, and show price of that drink before discounts, and the final price including discounts.

# FLOWCHART DIAGRAM

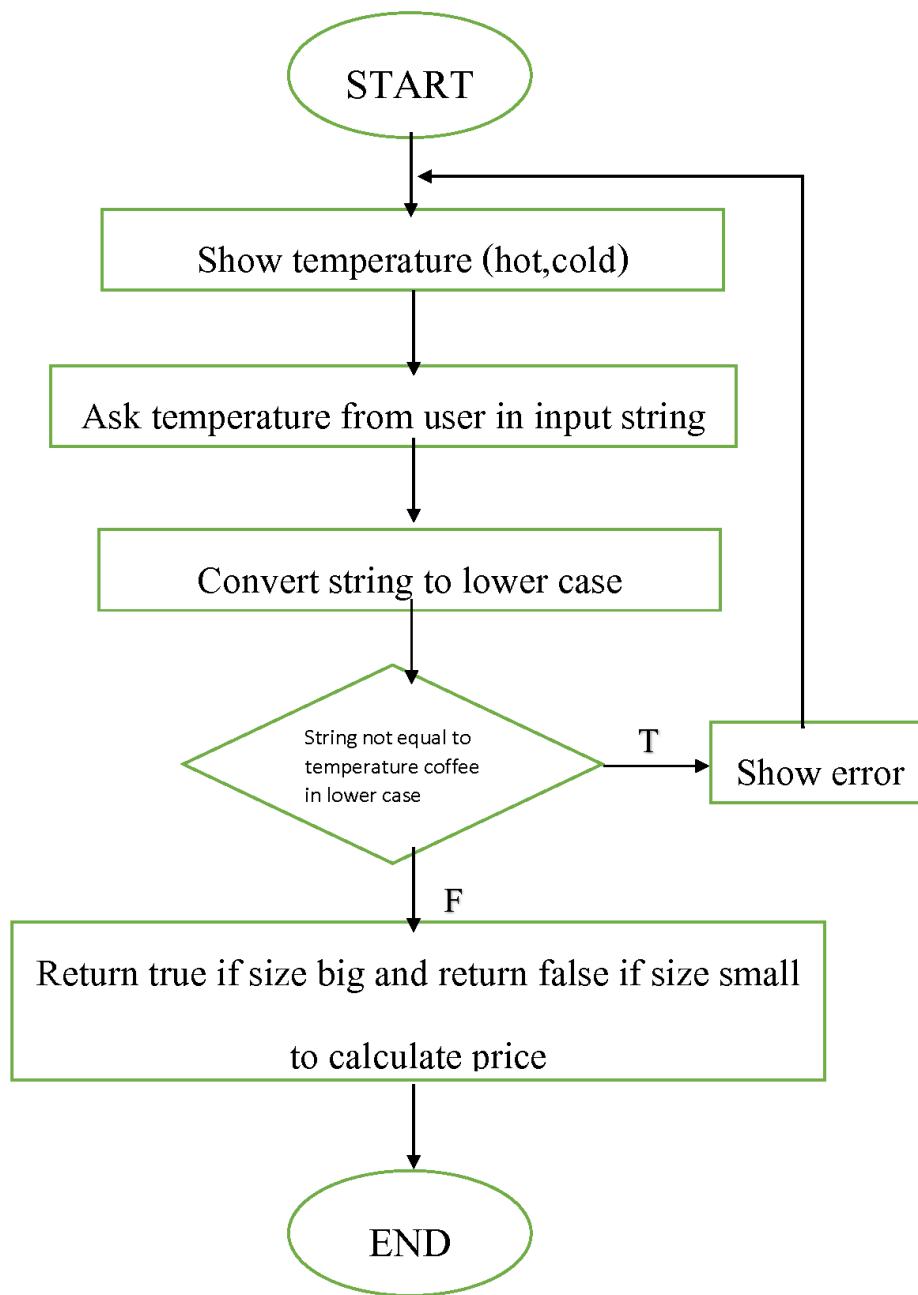
# checkCoffee Function



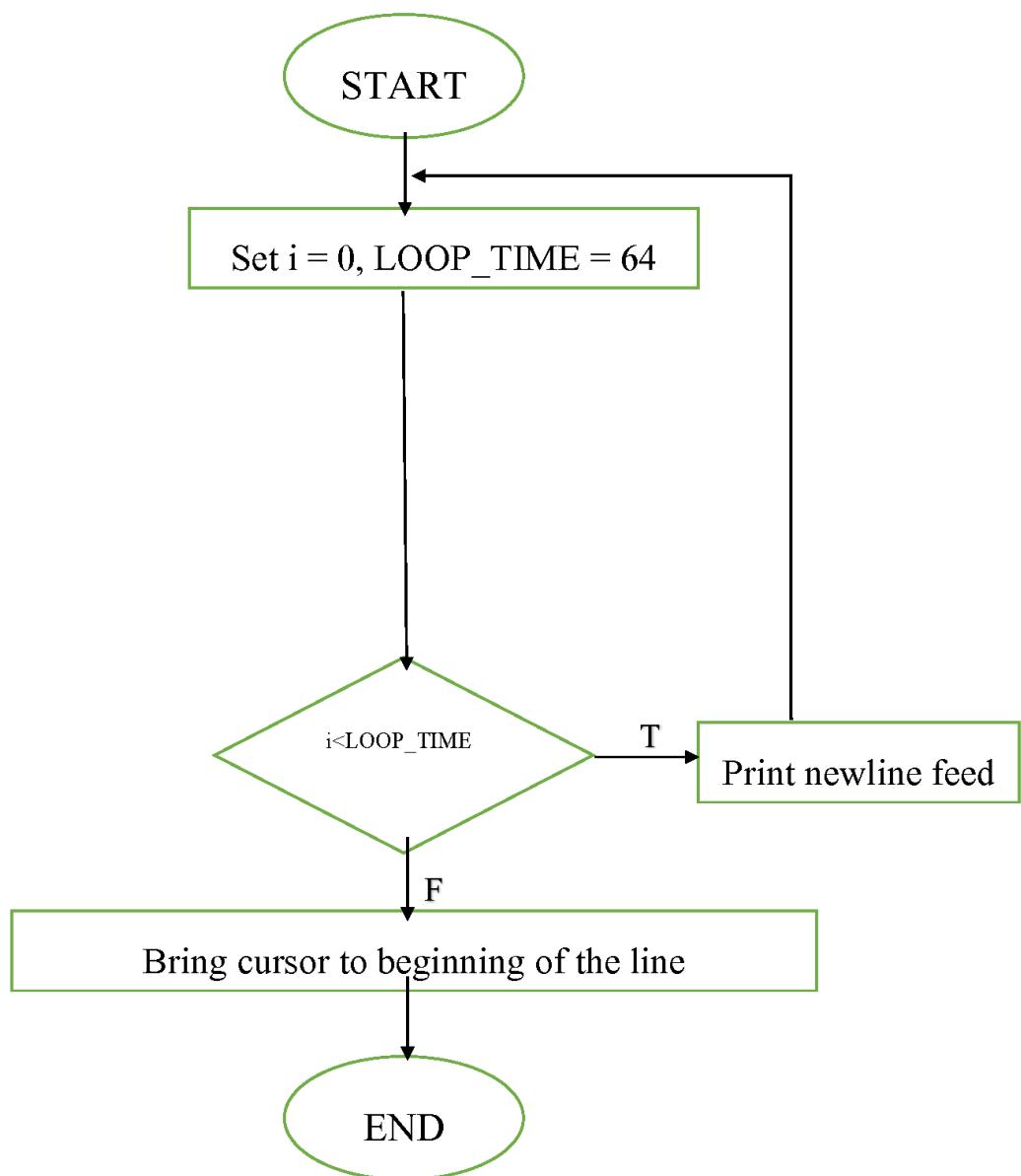
# checkSize Function



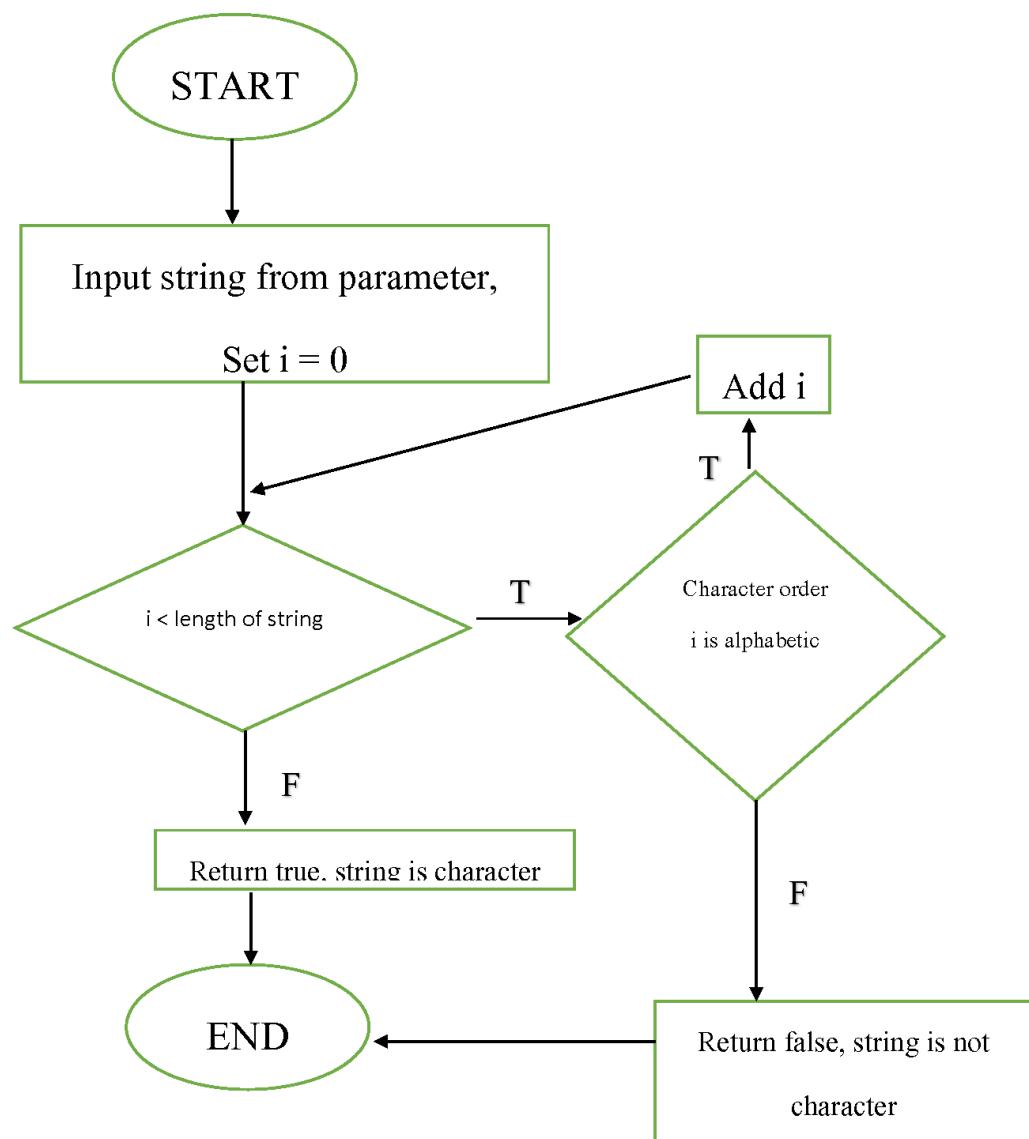
# checkTemp Function



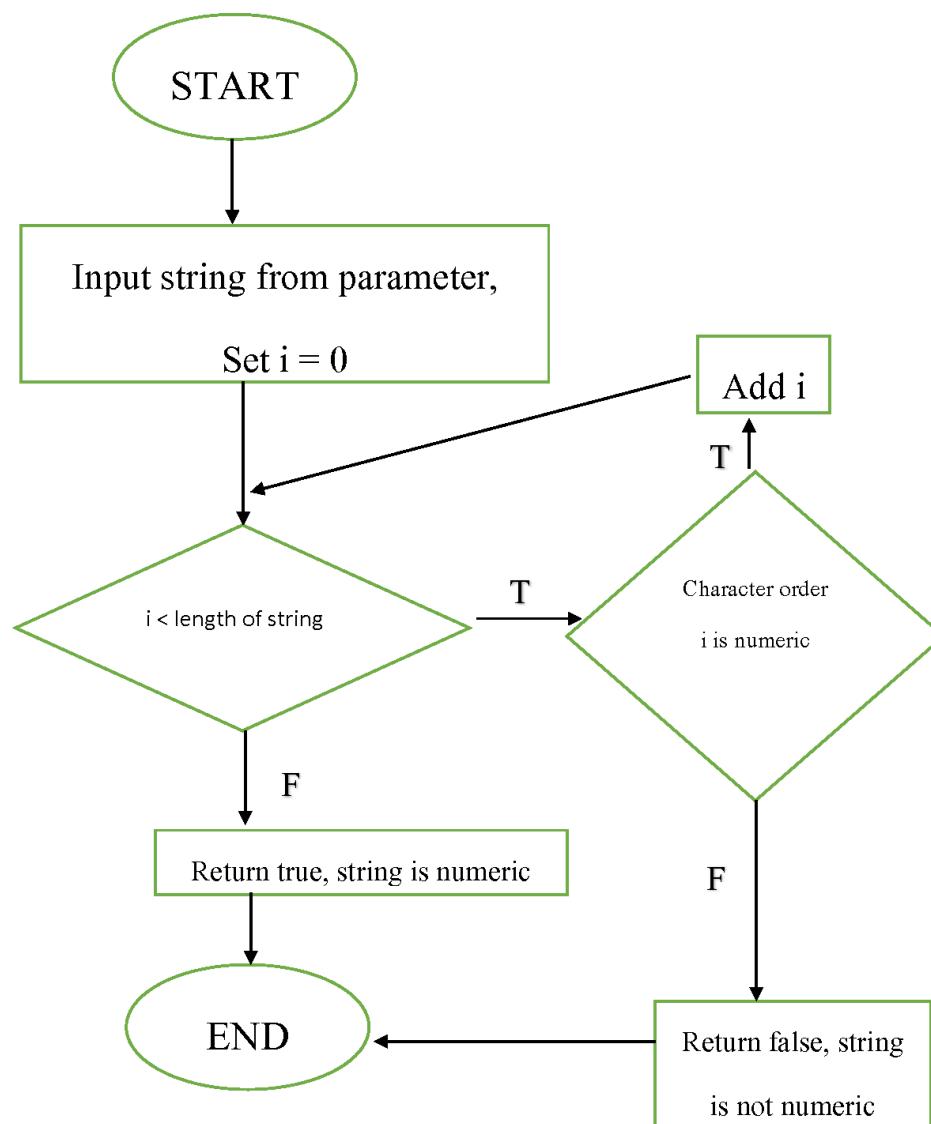
# clearScreen Function



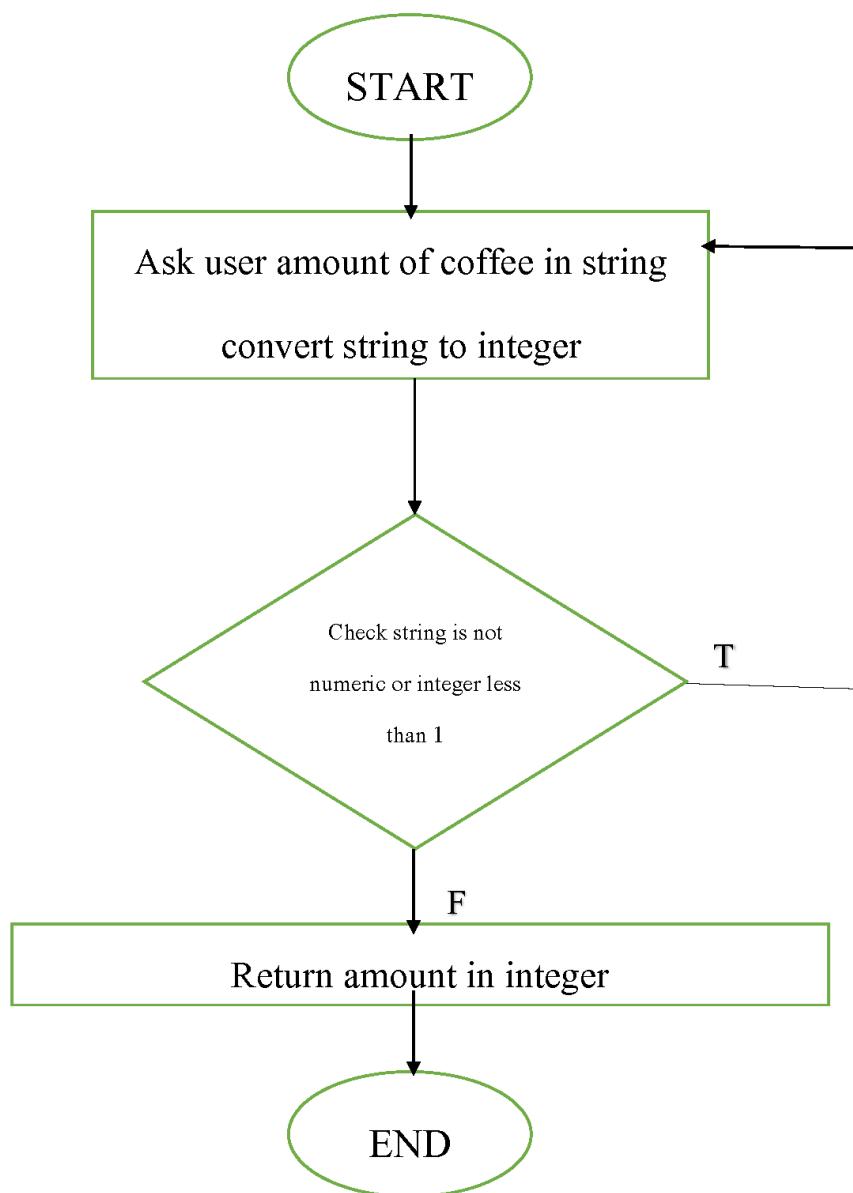
# bCharacter Function



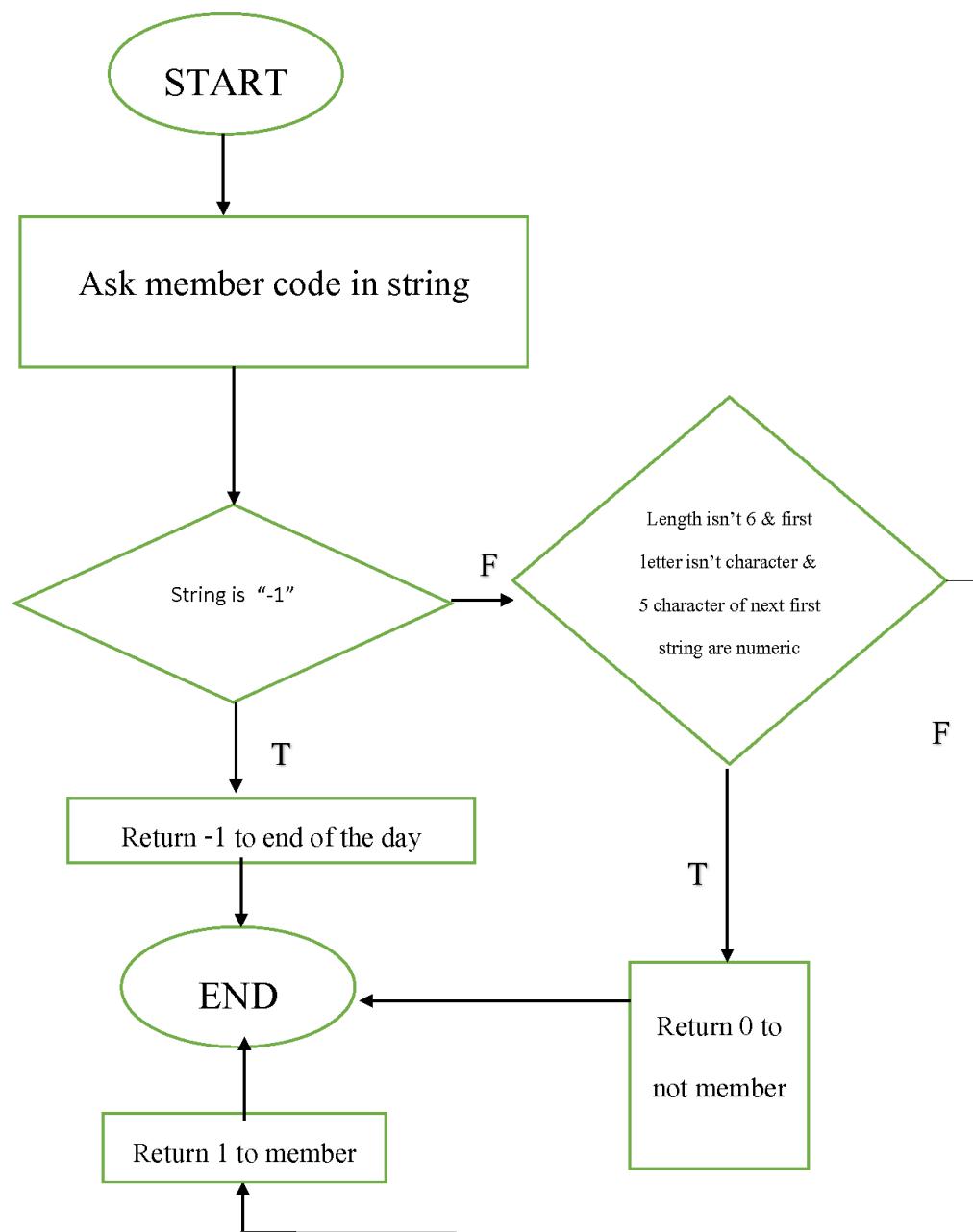
# bNumeric Function



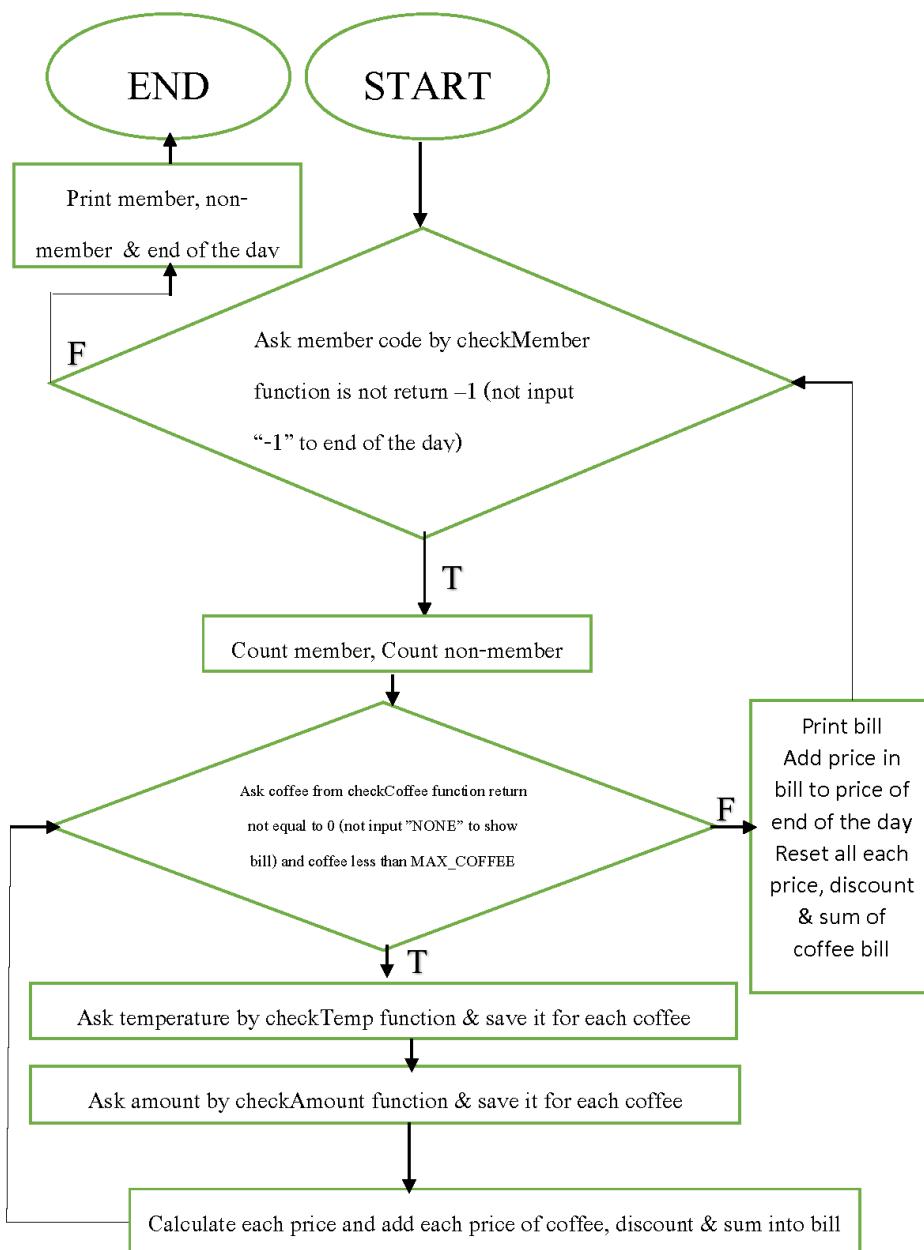
# checkAmount Function



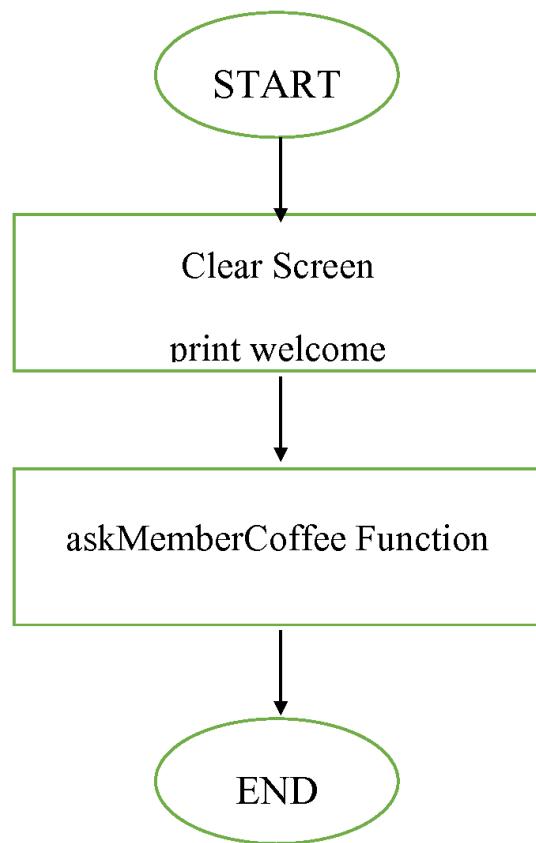
# checkMember Function



# askMembeCoffee Function



# Main Function



# Source Code

```
1  /*
2  ****
3  * JaMe CPE Coffee Shop System.
4  * Ask each customer for a member code (1 Character,5 digits), if
not this is a non-member If the customer enters " -1 ",
5  * program will show the end of the day and print the summary
member ,non-member ,income ,discount and reduced income by discount .
6  * Firstly, program will ask for the type of coffee i.e.
Espresso($30), Latte($40), Cappucino($45), Cocoa($35),
7  * the size that is Small or Large(It will charge double of
price), temperature namely Hot or Cold(it will charge 15%).
8  * Finally, program will ask amount of coffee that you bought.
9  *
10 * Members get a 30% discount on all purchases. When the customer
enters the word "NONE" for drink type will print a bill for
11 * the table showing each drink ordered, and show price of that
drink before discounts, and the final price including discounts.
12 *
13 * Developed by Siwat Karwlung(JaMe) ID 56070503434
14 * Date 27/9/2556
15 * Latest update 10/10/2556 9:04 A.M.
16 ****
17 */
18 #include <stdio.h> /*printf fgets*/
19 #include <string.h> /*strcpy strlen*/
20 #include <stdlib.h> /*memset calloc malloc realloc*/
21 #include <stdbool.h> /*boolean type is 1 bit use less memory*/
22 #include <ctype.h> /*isalpha*/
23 #include <time.h> /*time_t, struct tm, time, localtime*/
24 #include <limits.h> /*USHRT_MAX*/
25
26 #define MAX_LEN 32 /*max length of buffer*/
27 #define LOOP_TIME 64 /*to clear screen by newline feed 64 time*/
28
29 #define MAX_COFFEE 100 /*max coffee order time for 1 customer*/
30 ****
31 * This function clear stdin in standard C
32 * input - input from fgets
33 * no return
34 ****
35 */
36
37 /*void clearStdin(char *input)
38 {
39     printf("Please enter to continue...\n");
40     if(input[MAX_LEN-2] != '\n' && input[MAX_LEN-1] == '\0')
41     {
42         while (getchar() != '\n');
43     }
44 }
45 */
46 ****
```

```
47 * This function clear screen by for-loop and newline-feed
48 * no input
49 * no return
50 ****
51 */
52
53 void clearScreen()
54 {
55     unsigned short i = 0;
56     for(i=0;i<LOOP_TIME;i++)
57     {
58         printf("%c",'\\n');//newline*
59     }
60     printf("%c",'\\r');//set cursor to beginning of line*
61 }
62
63 ****
64 * This function check input to character
65 * input - input string
66 * return true if input is character
67 *      false if input is not character
68 ****
69 */
70 bool bCharacter(char *input)
71 {
72     unsigned short i;
73     for(i=0;i<strlen(input);i++) /*use loop to check each
character if not alphabetic it will return false*/
74     {
75         if(!isalpha(input[i])) return false;
76     }
77     return true;
78 }
79 ****
80 * This function check input to numeric
81 * input - input string
82 * return true if input is character
83 *      false if input is not character
84 ****
85 */
86 bool bNumeric(char *input)
87 {
88     unsigned short i;
89     for(i=0;i<strlen(input);i++)/*use loop to check each
character if not numeric it will return false*/
90     {
91         if(!isdigit(input[i])) return false;
92     }
93     return true;
94 }
95 ****
96 * This function ask user a kind of coffee
```

```
97 * if user enter input which is not coffee
98 * it will repeat loop to ask until it correct
99 * it always convert input to lower case to check to result
100 * return price of coffeeee
101 ****
102 */
103 unsigned short checkCoffee()
104 {
105     char input[MAX_LEN]; /*to store text from user*/
106     memset(input, '\0', sizeof(input)); /*set text to null*/
107     printf("What would you like sir ?\n"); /*ask user coffee*/
108     printf("Espresso ($30), Latte ($40), Cappucino ($45), Cocoa\n($35)\n, (NONE to stop buying coffee)\n");
109     fgets(input, sizeof(input), stdin); /*get input from standard
input*/
110     sscanf(input, "%[^\\n]", input); /*get everything from input
except \n(new line)*/
111     /*clearStdin(input);*/
112     unsigned short i;
113     for(i=0;i<strlen(input);i++)/*use loop to check if each
character is upper case it will convert to lower case*/
114     {
115         if(isupper(input[i]))
116         {
117             input[i] = tolower(input[i]);
118         }
119     }
120     while((strcmp("espresso",input) != 0) &&
(strcmp("latte",input) != 0) && (strcmp("cappucino",input) != 0) &&
(strcmp("cocoa",input) != 0) && strcmp("none",input) != 0)
121     {/*accordingly we have lower case string so we use while
loop if user not enter coffee type or each type of coffee are maximum
cup it will repeat ask until correct */}
122     printf("Please enter only coffee name !(example:
cocoa)\n"); /*error wrong input not coffee type*/
123     printf("What would you like sir ?\n");
124     printf("Espresso ($30), Latte ($40), Cappucino ($45),
Cocoa ($35)\n, (NONE to stop buying coffee)\n");
125     fgets(input, sizeof(input), stdin);
126     sscanf(input, "%[^\\n]", input);
127     /*clearStdin(input);*/
128     for(i=0;i<strlen(input);i++)/*use loop to check if each
character is upper case it will convert to lower case*/
129     {
130         if(isupper(input[i]))
131         {
132             input[i] = tolower(input[i]);
133         }
134     }
135     /*it will return price of coffee if user enter correct
coffee*/
136     if(strcmp("espresso",input) == 0) return 30;
```

```
137         else if(strcmp ("latte", input) == 0) return 40;
138         else if(strcmp ("cappucino", input) == 0) return 45;
139         else if(strcmp ("cocoa", input) == 0) return 35;
140         else if(strcmp ("none", input) == 0) return 0;
141         else
142             {
143             }
144     }
145
146 *****
147 * This function ask user temperature of coffee
148 * if user enter input which is not temperature
149 * it will repeat loop to ask until it correct
150 * it always convert input to lower case to check to result
151 * return false - hot
152 *           true - cold
153 *****
154 */
155 bool checkTemp ()
156     {
157         char input[MAX_LEN]; /*to store text from user*/
158         memset (input, '\0', sizeof (input)); /*set text to null*/
159         printf ("What would temperature which you prefer to (Hot or
Cold[Charge 15%]) ?\n"); /*ask user temperature*/
160         fgets (input, sizeof (input), stdin); /*get input from standard
input*/
161         sscanf (input, "%[^\\n]", input); /*get everything from input
except \n(new line)*/
162         /*clearStdin(input);*/
163         unsigned short i;
164         for(i=0;i<strlen (input);i++) /*use loop to check if each
character is upper case it will convert to lower case*/
165         {
166             if(isupper (input[i]))
167                 {
168                     input[i] = tolower (input[i]);
169                 }
170         }
171         while (! (strcmp ("hot", input) == 0 || strcmp ("cold", input) ==
0))
172             {/*accordingly we have lower case string so we use while
loop if user not enter temperature it will repeat ask until correct*/
173             printf ("Please enter hot or cold only !(example :
hot)\n");
174             printf ("What would temperature which you prefer to (Hot
or Cold[Charge 15%]) ?\n");
175             fgets (input, sizeof (input), stdin);
176             sscanf (input, "%[^\\n]", input);
177             /*clearStdin(input);*/
178             for(i=0;i<strlen (input);i++)
179             {
180                 if(isupper (input[i]))
```

```
181             {
182                 input[i] = tolower(input[i]);
183             }
184         }/*it will return false when hot & true when cold*/
185     }
186     if(strcmp("hot",input) == 0) return false;
187     else if(strcmp("cold",input) == 0) return true;
188     else
189     {
190     }
191 }
192 ****
193 * This function ask user a size of coffee
194 * if user enter input which is not size
195 * it will repeat loop to ask until it correct
196 * it always convert input to lower case to check to result
197 * return 1 - small size
198 *         2 - big size
199 ****
200 */
201 unsigned short checkSize()
202 {
203     char input[MAX_LEN];/*to store text from user*/
204     memset(input,'\\0',sizeof(input));/*set text to null*/
205     printf("What would size which you prefer to (Small or
Large[x2 price]) ?\\n");/*ask user size*/
206     fgets(input,sizeof(input),stdin);/*get input from standard
input*/
207     sscanf(input,"%[^\\n]",input);/*get everything from input
except \\n(new line)*/
208     /*clearStdin(input);*/
209     unsigned short i;
210     for(i=0;i<strlen(input);i++)/*use loop to check if each
character is upper case it will convert to lower case*/
211     {
212         if(isupper(input[i]))
213         {
214             input[i] = tolower(input[i]);
215         }
216     }/*accordingly we have lower case string so we use while
loop if user not enter size it will repeat ask until correct*/
217
218     while(!(strcmp("big",input) == 0 || strcmp("small",input) ==
0 || strcmp("large",input) == 0 || strcmp("tiny",input) == 0))
219     {
220         printf("Please enter small or large only !(example :
small)\\n");
221         printf("What would size which you prefer to (Small or
Large[x2 price]) ?\\n");
222         fgets(input,sizeof(input),stdin);
223         sscanf(input,"%[^\\n]",input);
224         /*clearStdin(input);*/
```

```
225         for(i=0;i<strlen(input);i++)
226         {
227             if(isupper(input[i]))
228             {
229                 input[i] = tolower(input[i]);
230             }
231         }/*it will return 1 when small size & 2 when big*/
232     }
233     if(strcmp("small",input) == 0) return 1;
234     else if(strcmp("tiny",input) == 0) return 1;
235     else if(strcmp("large",input) == 0) return 2;
236     else if(strcmp("big",input) == 0) return 2;
237     else
238     {
239     }
240 }
241 ****
242 * This function ask user a amount of coffee
243 * if user enter input which is amount
244 * it will repeat loop to ask until it correct
245 * it always convert input to lower case to check to result
246 * return amount of coffee
247 ****
248 */
249 unsigned short checkAmount()
250 {
251     char input[MAX_LEN];/*to store text from user*/
252     unsigned short convert; /*to store amount*/
253     memset(input, '\0', sizeof(input));/*set text to null*/
254     printf("What would you want amount of it ?:");/*ask user
amount*/
255     fgets(input, sizeof(input), stdin);/*get input from standard
input*/
256     sscanf(input, "%[^\\n]", input);/*get everything from input
except \n(new line)*/
257     sscanf(input, "%hu", &convert);/*covert string to short*/
258     /*clearStdin(input);*/
259     while(bNumeric(input) == false || convert < 1)/*use loop to
check input is numeric if not it will repeat ask until correct*/
260     {
261         printf("What would you want amount of it ?(Numeric 1-
65535 only):");
262         fgets(input, sizeof(input), stdin);
263         sscanf(input, "%[^\\n]", input);
264         sscanf(input, "%hu", &convert);/*covert string to short*/
265         /*clearStdin(input);*/
266     }
267     return convert; /*return amount of coffee*/
268 }
269 ****
270 * This function ask user member code if user enter -1 it means
end of the day
```

```
271 * return -1 - to stop and show report end of the day
272 *          0 - if user enter incorrect member code
273 *          1 - if user enter correct member code(example:A29144)
274 ****
275 */
276 short checkMember()
277 {
278     char input[MAX_LEN];/*to store text from user +1 for if
player enter more than 6 character*/
279     memset(input, '\0', sizeof(input));/*set text to null*/
280     printf("Enter your member code[1 character, 5 digits] (\\"-1\\" to end of the day)\n(Members get a 30% discount on all
purchases):");/*ask user member code*/
281
282     fgets(input, sizeof(input), stdin);/*get input from standard
input*/
283     sscanf(input, "%[^\\n]", input);/*get everything from input
except \\n(new line)*/
284     /*clearStdin(input);*/
285     if(strcmp(input, "-1") == 0)/*if input is -1 it will return -1 to end of the day*/
286     {
287         return -1;
288     }
289     if(strlen(input) != 6 || bNumeric(&input[1]) == false ||
isalpha(input[0]) == 0)/*to check member if user input correct
input, this condition will return false (not member)*/
290         /*non member*/
291         printf("You are not member.\n");
292         return 0;
293     }
294     printf("You are member.\n");
295     return 1; /*return 1 is member*/
296 }
297
298 ****
299 * This function is to printf result of the end
300 * of the day
301 * Argument : member - amount of member
302 *             : nonMember - amount of non-member
303 *             : totalCharge - sum of coffee price
304 *                 before discount
305 *             : totalDiscount - sum of discount
306 *                 coffee price
307 * No return
308 ****
309 */
310
311 void printEndoftheday(unsigned short member,unsigned short
nonMember,double totalCharge,double totalDiscount)
312 {
313     time_t rawtime; /*variable to show current time*/
```

```
314     struct tm * timeinfo;
315     time (&rawtime); /*clear screen*/
316     timeinfo = localtime (&rawtime);
317     clearScreen(); /*clear screen*/
318     printf ("End of the day !\n", asctime (timeinfo));
319     clearScreen(); /*clear screen*/
320     printf ("%s", "\a\a\a"); /*beep sound 3 times*/
321     printf ("JaMe's coffee shop report ,Date
% s\n", asctime (timeinfo)); /*show current time*/
322
printf ("*****\n");
323     printf ("Member : %hu person\n", member); /*show the number of
member*/
324     printf ("Non-member : %hu person\n", nonMember); /*show the
number of non-member*/
325     printf ("Total charge of coffee :
$%.2lf\n", totalCharge); /*show charge of coffee*/
326     printf ("Total discount of coffee :
$%.2lf\n", totalDiscount); /*show discount of coffee*/
327     printf ("Grand total :$%.2lf\n", totalCharge-
totalDiscount); /*show grand total*/
328
printf ("*****\n");
329 }
330
331 /*****
332 * This function is to bill for 1 customer
333 * Argument : coffeeTime - how many time that user bought coffee
334 *             : member - amount of member
335 *             : nonMember - amount of non-member
336 *             : totalCharge - sum of coffee price
337 *                 before discount
338 *             : totalDiscount - sum of discount
339 *                 coffee price
340 * No return
341 *****
342 */
343
344 void printBill (unsigned short coffeeTime, unsigned short
*coffeeCustomer, unsigned short *sizeCustomer, unsigned short
*temperatureCustomer, unsigned short *amountCustomer, double
*priceCoffee, double *priceCoffeeDiscount, double customerCharge, double
customerDiscount)
345 {
346     unsigned short j; /*to order and show the result coffee*/
347     char *coffeeDatabase[] =
{"Espresso", "Latte", "Cappucino", "Cocoa"}; /*for show coffee in string
by subscript*/
348     char *temperatureDatabase[] = {"Hot", "Cold"}; /*for show
temperature in string by subscript*/
```

```
349     char *sizeDatabase[] = {"Small","Large"}; /*for show size in
string by subscript*/
350     time_t rawtime; /*variable to show current time*/
351     struct tm * timeinfo;
352     time (&rawtime);
353     timeinfo = localtime (&rawtime);
354     printf("Customer bill, Date %s\n", asctime(timeinfo)); /*show
current time*/
355
printf("*****\n");
356     /*show each coffee cup, price before discount,discount price
and price after discount*/
357     for(j=0;j<coffeeTime;j++)
358     {
359         printf("Drink type %s :\tSize: %s\tTemperature:
%s\tAmount: %hu cup\nFull price: $%.2lf\tDiscount price:
$%.2lf\nPrice after discount: $%.2lf\n\n";
360
,coffeeDatabase[coffeeCustomer[j]],sizeDatabase[sizeCustomer[j]],temp
eratureDatabase[temperatureCustomer[j]],amountCustomer[j],priceCoffee
[j],priceCoffeeDiscount[j],priceCoffee[j]-priceCoffeeDiscount[j]);
361     }
362
printf("*****\n");
363     /*show total price with discount,discount price and price
after discount*/
364     printf("Grand total without discount :
$%.2lf\n",customerCharge);
365     printf("Total discount :$%.2lf\n",customerDiscount);
366     printf("Final total:$%.2lf\n",customerCharge-
customerDiscount);
367     }
368
369 /*****
370 * This function is mainly to do everything such as call another
function
371 * give a result such as bill and report
372 * count member and non-member
373 *****
374 */
375 void askMemberCoffee()
376 {
377     unsigned short
coffeeCustomer[MAX_COFFEE], temperatureCustomer[MAX_COFFEE], sizeCustom
er[MAX_COFFEE], amountCustomer[MAX_COFFEE]; /*each ordered information
of each coffee for 1 customer*/
378     double
priceCoffee[MAX_COFFEE], priceCoffeeDiscount[MAX_COFFEE]; /* to store
price before discount and price after discount each time*/
379     unsigned short i=0; /*to order each coffee from 1 customer &
```

```
to show order coffee respectively*/
380     double customerCharge = 0, customerDiscount = 0; /*sum of
expense of each customer and discount */
381     double totalCharge = 0, totalDiscount = 0; /*result end of
the day*/
382     unsigned short member = 0, nonMember = 0; /*count member and
non-member*/
383     short bDiscount = 0; /*status to check member to calculate
discount price*/
384     float temperature = 1; /*status to check temperature to
calcualte price*/
385     unsigned short coffee = 0; /* store price coffee to
calculate*/
386     while((bDiscount = checkMember()) != -1)/* ask member code
until member type "-1" to show result end of the day*/
387     {
388         if(bDiscount == 1)
389         {
390             member++; /*count member*/
391         }
392         else
393         {
394             nonMember++; /*count non-member*/
395         }
396         while((coffee = checkCoffee()) != 0 && i <
MAX_COFFEE)/*ask member a coffee type until type ""NONE" to show
bill*/
397         {
398             sizeCustomer[i] = checkSize(); /*ask member a size of
coffee*/
399             temperatureCustomer[i] = checkTemp(); /*ask member a
temperature of coffee*/
400             while((amountCustomer[i] = checkAmount()) >
USHRT_MAX)
401                 /*this loop will ask user amount until coffect
input*/
402                 printf("You can enter amount less than or equal
to %d from your buying.\n", USHRT_MAX);
403                 amountCustomer[i] = checkAmount();
404             }
405             if(coffee == 30) coffeeCustomer[i] = 0; /*in function
coffee,it will return the price, so we need to store value in
subscript to show in string because we have coffeeDatabase in
printBill function*/
406             else if(coffee == 40) coffeeCustomer[i] = 1;
407             else if(coffee == 45) coffeeCustomer[i] = 2;
408             else if(coffee == 35) coffeeCustomer[i] = 3;
409             else {
410                 if(temperatureCustomer[i] == true)
411                 {
412                     temperature = 1.15; /*if cold charge 15%*/
413                 }

```

```
414         else
415             {
416                 temperature = 1.0; /*if hot no charge*/
417             }
418             if(bDiscount == 1) /*if member, store discount each
coffee discount price*/
419             {
420
421                 priceCoffeeDiscount[i] +=
coffee*sizeCustomer[i]*amountCustomer[i]*0.3*temperature;
422                 customerDiscount +=
coffee*sizeCustomer[i]*amountCustomer[i]*0.3*temperature; /*store sum
of price discount*/
423             }
424             else
425             {
426                 priceCoffeeDiscount[i] = 0.0;
427             }
428             priceCoffee[i] +=
coffee*sizeCustomer[i]*amountCustomer[i]*temperature; /*store each
coffee price before discount*/
429             customerCharge +=
coffee*sizeCustomer[i]*amountCustomer[i]*temperature; /*store sum of
price before discount*/
430             sizeCustomer[i]--; /* generally,it is 2 or 1,we use
2,1 for calculate buy subscript to show string start at 0 ,so
decreasing for using in show table for subscript the sizeDatabase
array*/
431             i++; /*count coffee in each time*/
432         }
433
printBill(i,coffeeCustomer,sizeCustomer,temperatureCustomer,amountCustomer,
priceCoffee,priceCoffeeDiscount,customerCharge,customerDiscount
); /*printf bill for 1 customer*/
434         totalCharge += customerCharge; /*add customer price to
sum of charge of the day*/
435         totalDiscount += customerDiscount; /*add customer
discount price to sum of discount of the day*/
436         customerCharge = 0; customerDiscount = 0; /*Reset all
variable to get new customer*/
437         memset(coffeeCustomer,0,sizeof(coffeeCustomer));
memset(sizeCustomer,0,sizeof(sizeCustomer));
438
memset(temperatureCustomer,0,sizeof(temperatureCustomer));
memset(amountCustomer,0,sizeof(amountCustomer));
439         i=0;
440     }
441
printEndoftheday(member,nonMember,totalCharge,totalDiscount);
442 }
443
444 void main()
```

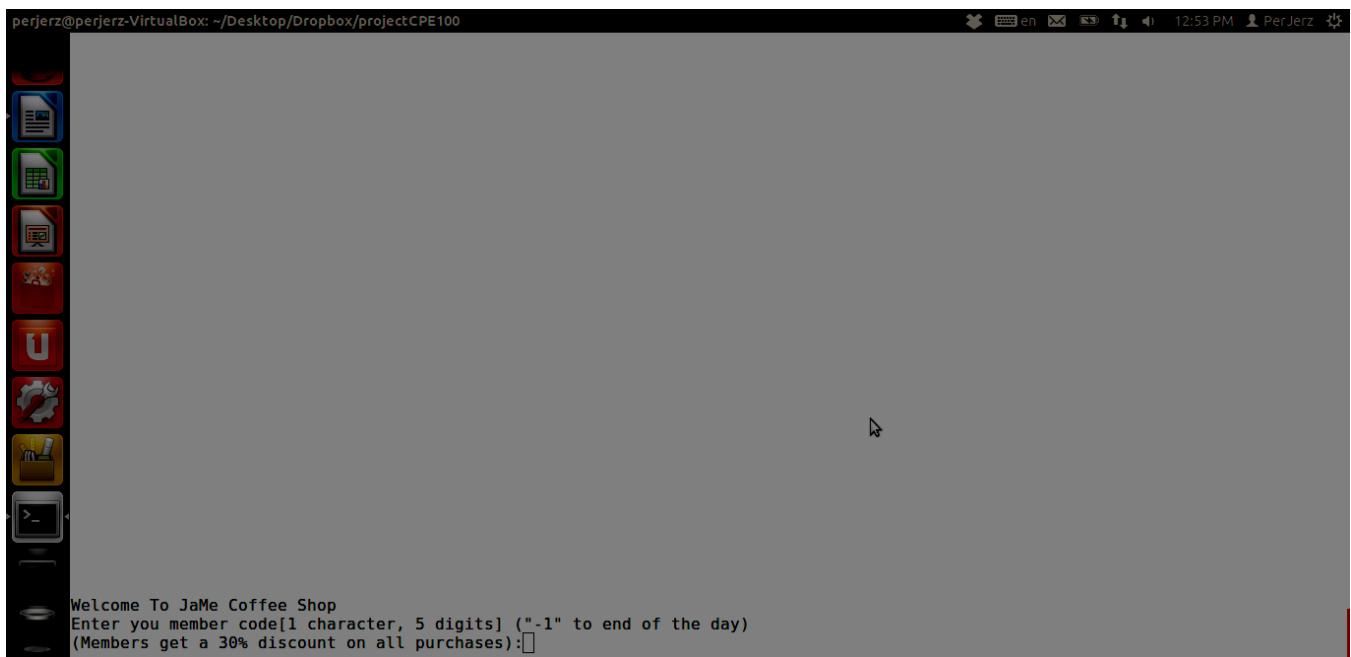
```
445      {
446      clearScreen(); /*clear screen*/
447      printf("Welcome To JaMe Coffee
Shop\aaaaaaaaaaaaaaaaaaaa\n");
448      askMemberCoffee();
449 }
```

# DATA STRUCTURE DIAGRAM

Coffee Type		Coffee Size	
type 0	1	size 0	0
type 1	3	size 1	1
type 2	0	size 2	1
type 3	2	size 3	0
	•		•
	•		•
	•		•
type MAX_COFFEE - 1		size MAX_COFFEE - 1	
Coffee Amount		Price Before Discount	
amount 0	65535	priceCoffee 0	30
amount 1	1	priceCoffee 1	69
amount 2	2	priceCoffee 2	45
amount 3	3	priceCoffee 3	40
	•		•
	•		•
	•		•
amount MAX_COFFEE-1		priceCoffee MAX_COFFEE-1	
Coffee temperature		Discount	
temp 0	0	discount 0	10
temp 1	1	discount 1	20
temp 2	1	discount 2	9
temp 3	1	discount 3	50
	•		•
	•		•
	•		•
temp MAX_COFFEE - 1		discount MAX_COFFEE-1	

# PROGRAM TESTING

# Welcome to JaMe Coffee Shop (Enter Member code)



# Ask Coffee (Not Member)

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

Error when wrong coffee input and ask until correct

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

# Ask size of coffee

perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100

```
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
```

Error when wrong size input and ask until correct

perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100

```
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
```

# Ask temperature

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

Error when wrong temperature input and ask until correct

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

# Ask amount

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPressSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:
```

Error when wrong amount input and ask until correct

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):
```

# Ask coffee again(until customer type “NONE”)

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):1
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cappuccino
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:3
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

## Ask size again

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] (" -1 " to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):1
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cappuccino
What would size which you prefer to (Small or Large[x2 price]) ?
```

# Ask temperature again

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):1
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cappuccino
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

# And ask amount again

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):1
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cappuccino
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:
```

# Ask coffee again 2

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):1
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cappuccino
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:3
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

# Ask size again 2

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
EsPresSo0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):1
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cappuccino
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:3
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cocoa
What would size which you prefer to (Small or Large[x2 price]) ?
```

## Ask temperature again 2

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):1
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cappuccino
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:3
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cocoa
What would size which you prefer to (Small or Large[x2 price]) ?
small
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

## Ask amount again 2

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
big
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotCOLD
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:soda
What would you want amount of it ?(Numeric 1-65535 only):1
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cappuccino
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:3
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cocoa
What would size which you prefer to (Small or Large[x2 price]) ?
small
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hot
What would you want amount of it ?:
```

# When customer type “NONE”, program will show bill

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cocoa
What would size which you prefer to (Small or Large[x2 price]) ?
small
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hot
What would you want amount of it ?:10
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
none
Customer bill, Date Thu Oct 10 12:58:11 2013
*****
Drink type Latte :      Size: Large      Temperature: Cold      Amount: 1 cup
Full price: $92.00      Discount price: $0.00
Price after discount: $92.00
Drink type Latte :      Size: Large      Temperature: Cold      Amount: 3 cup
Full price: $276.00      Discount price: $0.00
Price after discount: $276.00
Drink type Latte :      Size: Small      Temperature: Hot       Amount: 10 cup
Full price: $400.00      Discount price: $0.00
Price after discount: $400.00
*****
Grand total without discount : $768.00
Total discount :$0.00
Final total:$768.00
Enter you member code[1 character, 5 digits] (" -1 " to end of the day)
(Members get a 30% discount on all purchases):
```

And program will ask member code again(Member but no buy anything) and ask member code again

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
*****
Drink type Latte :      Size: Large      Temperature: Cold      Amount: 1 cup
Full price: $92.00      Discount price: $0.00
Price after discount: $92.00
Drink type Latte :      Size: Large      Temperature: Cold      Amount: 3 cup
Full price: $276.00      Discount price: $0.00
Price after discount: $276.00
Drink type Latte :      Size: Small      Temperature: Hot       Amount: 10 cup
Full price: $400.00      Discount price: $0.00
Price after discount: $400.00
*****
Grand total without discount : $768.00
Total discount :$0.00
Final total:$768.00
Enter you member code[1 character, 5 digits] (" -1 " to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
NONE
Customer bill, Date Thu Oct 10 12:59:18 2013
*****
Grand total without discount : $0.00
Total discount :$0.00
Final total:$0.00
Enter you member code[1 character, 5 digits] (" -1 " to end of the day)
(Members get a 30% discount on all purchases):
```

# Show the end of the day by “-1”

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cocoa
What would size which you prefer to (Small or Large[x2 price]) ?
small
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hot
What would you want amount of it ?:10
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
none
Customer bill, Date Thu Oct 10 12:58:11 2013
*****
Drink type Latte :      Size: Large      Temperature: Cold      Amount: 1 cup
Full price: $92.00      Discount price: $0.00
Price after discount: $92.00
Drink type Latte :      Size: Large      Temperature: Cold      Amount: 3 cup
Full price: $276.00      Discount price: $0.00
Price after discount: $276.00
Drink type Latte :      Size: Small      Temperature: Hot       Amount: 10 cup
Full price: $400.00      Discount price: $0.00
Price after discount: $400.00
*****
Grand total without discount : $768.00
Total discount :$0.00
Final total:$768.00
Enter you member code[1 character, 5 digits] (" -1 " to end of the day)
(Members get a 30% discount on all purchases):
```

Enter member code can input only 1 character 5 digits, If correct, customer will receive 30% discount. And if type “-1”, program will print result the end of the day.



```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```



```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):ASDF
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

```
perjerz@perjerz-VirtualBox: ~/Desktop/Dropbox/projectCPE100
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cocoa
What would size which you prefer to (Small or Large[x2 price]) ?
small
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hot
What would you want amount of it ?:10
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
none
Customer bill, Date Thu Oct 10 12:58:11 2013
*****
Drink type Latte :      Size: Large      Temperature: Cold      Amount: 1 cup
Full price: $92.00      Discount price: $0.00
Price after discount: $92.00
Drink type Latte :      Size: Large      Temperature: Cold      Amount: 3 cup
Full price: $276.00      Discount price: $0.00
Price after discount: $276.00
Drink type Latte :      Size: Small      Temperature: Hot       Amount: 10 cup
Full price: $400.00      Discount price: $0.00
Price after discount: $400.00
*****
Grand total without discount : $768.00
Total discount :$0.00
Final total:$768.00
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):
```

Coffee can input only kinds of coffee(Espresso,Latte,Cappucino,Cocoa) . it can be lower case or upper case. If input other program will ask kind of coffee until correct.

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO0
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPres50
What would size which you prefer to (Small or Large[x2 price]) ?
```

Size can input only size of coffee(Small,Big,Large,Tiny) .  
it can be lower case or upper case. If input other program will ask kind of coffee until correct.

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPresSO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappucino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPresSO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPresSO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price])?>
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPresSO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargES
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price])?>
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPresS0
What would size which you prefer to (Small or Large[x2 price]) ?
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargeS
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
@##(@(%((^
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] (" -1 " to end of the day)
(Members get a 30% discount on all purchases):A50015
You are member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPresS0
What would size which you prefer to (Small or Large[x2 price]) ?
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
,(NONE to stop buying coffee)
ESPRESSO
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPRESSO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargES
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
@##(@(%((^
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
sMALL
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

Temperature can input only size of coffee(Hot,Cold) .  
it can be lower case or upper case. If input other program will ask kind of coffee until correct.

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPressO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargES
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
@##(@(%((^
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
sMALL
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
%$$%!!@
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
CocoaEspresso
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPressO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargES
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
@##(@(%((^
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
sMALL
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
%$$%!!@
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
11111111134a
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
espresso1
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPRESSO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargES
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
@##(@(%((^
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
sMALL
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
%$$%!!@
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
111111111134a
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
SOSHAHA
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
Please enter only coffee name !(example: cocoa)
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
eSPRESSO
What would size which you prefer to (Small or Large[x2 price]) ?
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargES
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
@##(@(%((^
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
sMALL
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
%$$%!!@
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
111111111134a
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
SOSHAHA
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotcold
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
```

Amount can input only number of coffee(1-65535) . If input other program will ask kind of coffee until correct.

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
What would size which you prefer to (Small or Large[x2 price]) ?
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargES
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
@##(@(%(^
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
sMALL
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
%$$%!!@
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
111111111134a
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
SOSHAHA
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotcold
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hOTT
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cOLD
What would you want amount of it ?:-1
What would you want amount of it ?(Numeric 1-65535 only):■
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
LARGEE
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
Smalllarge
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
1234
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
LargES
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
@##(@(%(^
Please enter small or large only !(example : small)
What would size which you prefer to (Small or Large[x2 price]) ?
sMALL
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
%$$%!!@
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
111111111134a
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
SOSHAHA
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hotcold
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
hOTT
Please enter hot or cold only !(example : hot)
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cOLD
What would you want amount of it ?:-1
What would you want amount of it ?(Numeric 1-65535 only):ASDFC1
What would you want amount of it ?(Numeric 1-65535 only):■
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
[1] 11:45 AM * [root] ~

Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):5
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cocoa
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:65536
What would you want amount of it ?(Numeric 1-65535 only):65536
What would you want amount of it ?(Numeric 1-65535 only):65536
What would you want amount of it ?(Numeric 1-65535 only):65536
What would you want amount of it ?(Numeric 1-65535 only):65536
What would you want amount of it ?(Numeric 1-65535 only):■
```

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
[1] 11:45 AM * [root] ~

Welcome To JaMe Coffee Shop
Enter you member code[1 character, 5 digits] ("-1" to end of the day)
(Members get a 30% discount on all purchases):5
You are not member.
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
cocoa
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:65536
What would you want amount of it ?(Numeric 1-65535 only):65536
What would you want amount of it ?(Numeric 1-65535 only):65536
What would you want amount of it ?(Numeric 1-65535 only):65536
What would you want amount of it ?(Numeric 1-65535 only):65536
What would you want amount of it ?(Numeric 1-65535 only):$%^(^!@
What would you want amount of it ?(Numeric 1-65535 only):■
```

# This bill show price of all coffees (No discount)

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
,(NONE to stop buying coffee)
cocoaA
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:2
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
none
Customer bill, Date Fri Oct 11 00:14:10 2013
*****
Drink type Espresso : Size: Large Temperature: Hot Amount: 2 cup
Full price: $6029340.00 Discount price: $0.00
Price after discount: $6029340.00

Drink type Latte : Size: Large Temperature: Cold Amount: 3 cup
Full price: $276.00 Discount price: $0.00
Price after discount: $276.00

Drink type Espresso : Size: Small Temperature: Hot Amount: 69 cup
Full price: $2070.00 Discount price: $0.00
Price after discount: $2070.00

Drink type Latte : Size: Large Temperature: Cold Amount: 2 cup
Full price: $184.00 Discount price: $0.00
Price after discount: $184.00

*****
Grand total without discount : $2650.00
Total discount :$0.00
Final total:$2650.00
Enter you member code[1 character, 5 digits] ("l" to end of the day)
(Members get a 30% discount on all purchases):■
```

# This bill show price of all coffees (30% discount)

```
perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100
,(NONE to stop buying coffee)
latte
What would size which you prefer to (Small or Large[x2 price]) ?
large
What would temperature which you prefer to (Hot or Cold[Charge 15%]) ?
cold
What would you want amount of it ?:3
What would you like sir ?
Espresso ($30), Latte ($40), Cappuccino ($45), Cocoa ($35)
,(NONE to stop buying coffee)
none
Customer bill, Date Fri Oct 11 00:16:31 2013
*****
Drink type Latte : Size: Large Temperature: Cold Amount: 2 cup
Full price: $6029524.00 Discount price: $55.20
Price after discount: $6029468.80

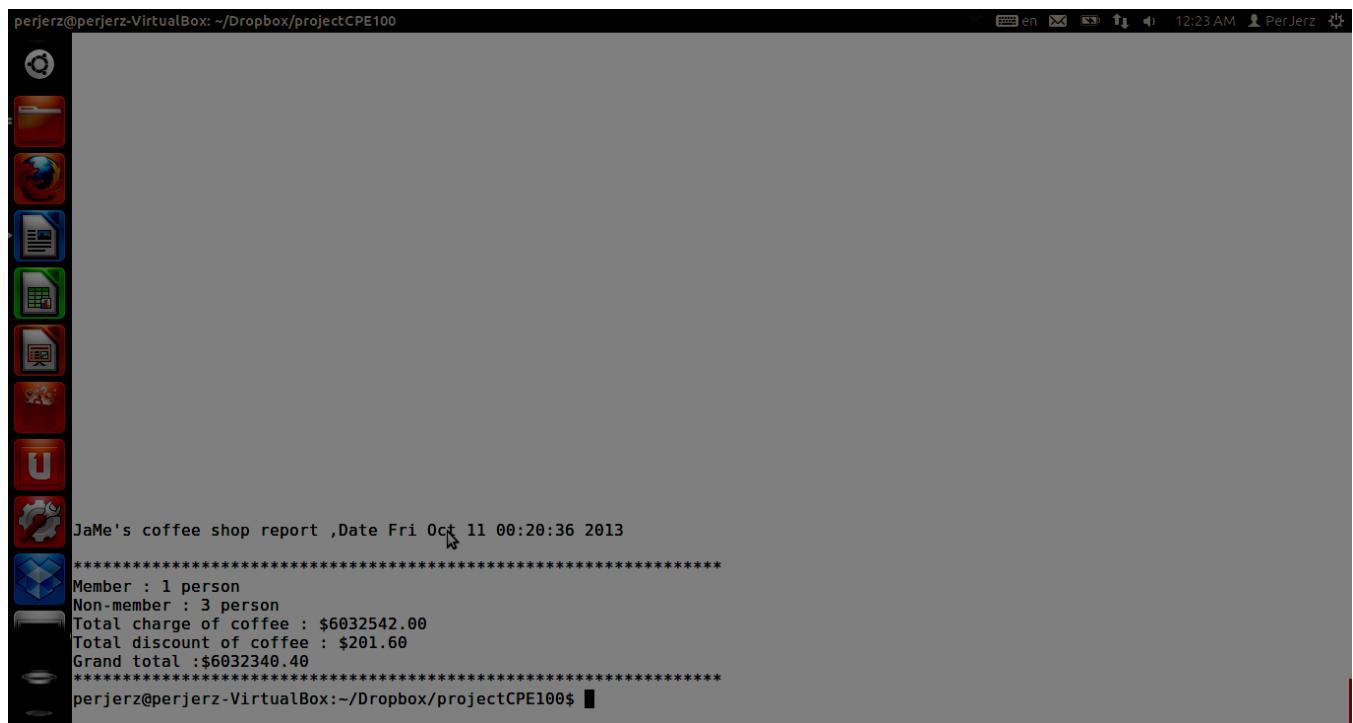
Drink type Espresso : Size: Large Temperature: Hot Amount: 2 cup
Full price: $396.00 Discount price: $36.00
Price after discount: $360.00

Drink type Latte : Size: Large Temperature: Cold Amount: 1 cup
Full price: $2162.00 Discount price: $27.60
Price after discount: $2134.40

Drink type Latte : Size: Large Temperature: Cold Amount: 3 cup
Full price: $460.00 Discount price: $82.80
Price after discount: $377.20

*****
Grand total without discount : $672.00
Total discount :$201.60
Final total:$470.40
Enter you member code[1 character, 5 digits] ("l" to end of the day)
(Members get a 30% discount on all purchases):■
```

# Show result the end of the day



perjerz@perjerz-VirtualBox: ~/Dropbox/projectCPE100

```
JaMe's coffee shop report ,Date Fri Oct 11 00:20:36 2013
*****
Member : 1 person
Non-member : 3 person
Total charge of coffee : $6032542.00
Total discount of coffee : $201.60
Grand total :$6032340.40
*****
perjerz@perjerz-VirtualBox:~/Dropbox/projectCPE100$
```