

Dharmsinh Desai University, Nadiad
Department of Information Technology
KS, IT714
B.Tech. IT, Sem: VII

KS Project

Aim: Food Predictor System.

(According to experiments we have implemented logic in our project.)

- **Experiment 2**

CODE:-

domains

dish,stat,typeoftaste=symbol

predicates

taste(dish,typeoftaste)

state(dish,stat)

clauses

taste("Paniyaram","sweet").

taste("Dhokla","sweet-sour").

taste("Vada-pav","spicy").

taste("Kada halwa","sweet").

taste("Litti Chokha","sweet").

state("Paniyaram","Kerela").

state("Dhokla","gujarat").

state("Vada-pav","Maharashtra").

state("Kada halwa","Punjab").

state("Litti Chokha","Bihar").

OUTPUT

The screenshot shows a DOSBox window with a Prolog program loaded and executed. The program defines domains, predicates, and clauses for taste and state. The execution results are displayed in the Message and Dialog windows.

Editor Window:

```

Line 1  Col 1  C:\PROLOG\PROZLAB.PRO  Indent
domains
    dish,stat,typeof taste=symbol
predicates
    taste(dish,typeof taste)
    state(dish,stat)
clauses
    taste("Paniyaram","sweet").
    taste("Dhokla","sweet-sour").
    taste("Uada-pav","spicy").
    taste("Kada halwa","sweet").
    taste("Litti Chokha","sweet").

    state("Paniyaram","Kerela").
  
```

Message Window:

```

Load C:\PROLOG\PROZLAB.PRO
Compiling C:\PROLOG\PROZLAB.PRO
taste
state
  
```

Dialog Window:

```

Goal: taste(X,Y) and sta
te(X,Z)
X=Paniyaram, Y=sweet, Z=
Kerela
X=Dhokla, Y=sweet-sour,
Z=gujarat
X=Uada-pav, Y=spicy, Z=M
aharashtra
X=Kada halwa, Y=sweet, Z
=Punjab
X=Litti Chokha, Y=sweet,
Z=Bihar
5 Solutions
Goal:
  
```

Bottom Window:

```

Goal: taste(X,sweet)
X=Paniyaram
X=Kada halwa
X=Litti Chokha
3 Solutions
Goal:
  
```

Footer: F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End

- **Experiment 3 and 4**

domains

item,item_type,taste,min_range,max_range,expected_time=symbol

predicates

food(item,item_type,taste,min_range,max_range,expected_time)

go

rule(integer)

clauses

```
go:-write("*****OPTIONS*****"),nl,
write("1. Display list of all Item"),nl,
write("2. Display list of Spicy Items"),nl,
write("3. Display list of Sweeter Items "),nl,
write("4. Display list of Medium Items "),nl,
write("5. Display List of Punjabi"),nl,
write("6. Display list of Chinese"),nl,
write("7. Display list of South Indian"),nl,
write("8. Display list of Maharashtrian"),nl,
write("9. Display list of Gujarat"),nl,
write("enter your choice :-"),readint(C),nl,rule(C).
rule(1):- food(X,_,_,_,_),write(X),nl,fail.
rule(1):-write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
rule(2):- food(Y,_, "spicy",_,_,_),write(Y),nl,fail.
rule(2):-
write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
rule(3):- food(Z,_, "sweet",_,_,_),write(Z),nl,fail.
rule(3):-write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
```

```

rule(4):- food(A,_, "medium",_,_,_),write(A),nl,fail.
rule(4):-write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
rule(5):- food(B,"punjabi",_,_,_,_),write(B),nl,fail.
rule(5):-write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
rule(6):- food(D,"chinese",_,_,_,_),write(D),nl,fail.
rule(6):-write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
rule(7):- food(D,"south_indian",_,_,_,_),write(D),nl,fail.
rule(7):-write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
rule(8):- food(D,"mahashtrian",_,_,_,_),write(D),nl,fail.
rule(8):-write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
rule(9):- food(D,"gujarat",_,_,_,_),write(D),nl,fail.
rule(9):-write("Do you want to continue(y/n)?"),
readln(Ans),
Ans="y",
go.
food("manchurian","chinese","spicy","80","180","20").
food("Chinese Bhel","chinese","medium","100","200","10").
food("Paneer Toofani","punjabi","spicy","130","180","25").
food("Kaju Curry","punjabi","sweet","130","200","20").

```

```

food("Idli-Sambhar","south_indian","medium","60","110","30").
food("Paniyaram","south_indian","sweet","110","160","25").
food("vadapav","mahashtrian","spicy","20","40","6").
food("kadhahalwa","punjabi","sweet","70","150","30").
food("dhokla","gujarat","sweet","50","80","15").

```

• OUTPUT

```

DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Display list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
enter your choice :-1

manchurian
Chinese Bhel
Paneer Toofani
Kaju Curry
Idli-Sambhar
Paniyaram
vadapav
kadhahalwa
dhokla
Do you want to continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End

```

```

DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Display list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
enter your choice :-2

manchurian
Paneer Toofani
vadapav
Do you want to continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End

```

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Display list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
enter your choice :-3

Kaju Curry
Paniyaram
kadhahalwa
dhokla
Do you want to continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Display list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
8. Display list of Maharashtrian
9. Display list of Gujarat
enter your choice :-4

Chinese Bhel
Idli-Sambhar
Do you want to continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Display list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
8. Display list of Maharashtrian
9. Display list of Gujarat
enter your choice :-5

Paneer Toofani
Kaju Curry
kadhahalwa
Do you want to continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Display list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
8. Display list of Maharashtrian
9. Display list of Gujarat
enter your choice :-6

manchurian
Chinese Bhel
Do you want to continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```



```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Dispaly list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
8. Display list of Maharashtrian
9. Display list of Gujarat
enter your choice :-7

Idli-Sambhar
Paniyaram
Do you want to continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```



```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Display list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
8. Display list of Maharashtrian
9. Display list of Gujarat
enter your choice :-8

vadapav
Do you want to continue(y/n)?

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go
*****OPTIONS*****
1. Display list of all Item
2. Display list of Spicy Items
3. Display list of Sweeter Items
4. Display list of Medium Items
5. Display List of Punjabi
6. Display list of Chinese
7. Display list of South Indian
8. Display list of Maharashtrian
9. Display list of Gujarat
enter your choice :-9

dhokla
Do you want to continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```

• EXPERIMENT 5

predicates

start

clauses

start:-

write("Enter name of Customer:"),readln(P),nl,

write("Enter Total Price:"),readreal(T),nl,

write("Enter Voucher in %"),readreal(V),nl,

write("---Your final Bill---"),nl,

$X=V/100$, $DC=T*X$,

write("Customer Name: ",P),nl,

write("Price: ",T),nl,

write("Discount: ",V),nl,

$TA=T-DC$,

write("Total Amount is: ",TA),nl.

OUTPUT

DOSBox 0.74, Cpu speed: 3000 cycles, Frames...

Files Edit Run Compile Options Setup

Editor

Line 1 Col 1 C:\PROLOG\PRO5LAB.PRO Indent

```

predicates
start
clauses
start:-
write("Enter name of Customer:"),readln(P),n

write("Enter Total Price:"),readreal(T),nl,
write("Enter Voucher in %"),readreal(U),nl,

write("---Your final Bill---"),nl,

X=U/100,DC=T*X,
write("Customer Name: ",P),nl,
write("Price: ",T),nl,

```

Goal: start
Enter name of Customer:a
diti

Enter Total Price:100
Enter Voucher in %10

---Your final Bill---
Customer Name: aditi
Price: 100
Discount: 10
Total Amount is: 90
Yes
Goal: _

Message

Compiling C:\PROLOG\PRO5LAB.PRO
Load C:\PROLOG\PRO5LAB.PRO
Compiling C:\PROLOG\PRO5LAB.PRO
start

Trace

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End

● EXPERIMENT 6

domains

unique,name,type = symbol

price = integer

predicates

food(unique,name,price,type)

select(integer)

compare(symbol,symbol)

pass(char)

start

clauses

start:-

write("1=enter food item 2=find food under your budget 3=find low-cost Dish"),readint(N),nl,select(N).

select(1):-write("Enter Food from following(dhokla, kadhahalwa, vadapav): "),readln(S),nl,food(X,S,Y,Z),write(X,":",Y,"rs. type ",Z),nl,fail.

select(1):-

write("Do you want to continue(y/n)?"),

readchar(Ans),

pass(Ans).

select(2):-write("Enter Food name and it's maximum price:"),readln(C),readint(D),nl,food(B,C,E,Z),not(D<E),write(B, ":",E,"rs. type ",Z),nl,fail.

select(2):-

write("Do you want to continue(y/n)?"),

readchar(Ans),

pass(Ans).

select(3):-write("Enter any two dishes unique Id of Food Item"),readln(F),readln(G),compare(F,G),nl,write("Continue ??(y/n)"),readchar(C),pass(C).

select(3):-

write("Do you want to continue(y/n)?"),

readchar(Ans),

pass(Ans).

```

compare(F,G):-food(F,_,H,_),food(G,_,I,_),H<I,!,write("low-cost:",F,"
",H,"rs");food(G,_,I,_),write("costly:",G," ",I,"rs").
pass('y'):-start.
pass('n'):-nl,write("Thanks for checking"),nl.
food(a,vadapav,20,plain).
food(b,vadapav,30,butter).
food(c,vadapav,40,cheese).
food(d,kadhahalwa,70,plain).
food(e,kadhahalwa,100,dryfruits).
food(f,dhokla,50,white).
food(g,dhokla,60,yellow).

```

OUTPUT

DOSBox 0.74, Cpu speed: 3000 cycles, Frames...

Files Edit Run Compile Options Setup

Editor C:\PROLOG\PRO6LAB.PRO

```

Line 1 Col 1
domains
    unique,name,type = symbol
    price = integer
predicates
    food(unique,name,price,type)
    select(integer)
    compare(symbol,symbol)
pass(char)
    start
clauses
start:-
    write("1=enter food item 2=find food under
        select(1):-write("Enter Food from following(

```

Yes
Goal: start
1=enter food item 2=find food under your budget
3=find low-cost Dish1
Enter Food from following (dhokla, kadhahalwa, vadapav): vadapav
a:20rs. type plain
b:30rs. type butter
c:40rs. type cheese
Do you want to continue (y/n)?_

Message Trace

```

start
food
Save C:\PROLOG\PRO6LAB.PRO
Save C:\PROLOG\PRO6LAB.PRO

```

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End

DOSBox 0.74, Cpu speed: 3000 cycles, Frames...

Files				Edit	Run	Compile	Options	Setup
Editor								
Line 1	Col 1	C:\PROLOG\PRO6LAB.PRO		Indent				
domains				c:40rs. type cheese				
unique,name,type = symbol				Do you want to continue(y/n)?1=enter food item				
price = integer				2=find food under your budget 3=find low-cost Dish2				
predicates				Enter Food name and it's maximum price:vadapav				
food(unique,name,price,type)				35				
select(integer)				a:20rs. type plain				
compare(symbol,symbol)				b:30rs. type butter				
pass(char)				Do you want to continue(y/n)?				
start								
clauses								
start:-								
write("1=enter food item 2=find food under								
select(1):-write("Enter Food from following(
start								
food								
Save C:\PROLOG\PRO6LAB.PRO								
Save C:\PROLOG\PRO6LAB.PRO								
F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End								

DOSBox 0.74, Cpu speed: 3000 cycles, Frames...

Files				Edit	Run	Compile	Options	Setup
Editor								
Line 1	Col 1	C:\PROLOG\PRO6LAB.PRO		Indent				
domains				Enter any two dishes unique Id of Food Itemb				
unique,name,type = symbol				c				
price = integer				low-cost:b 30rs				
predicates				Continue ??(y/n)1=enter				
food(unique,name,price,type)				food item 2=find food u				
select(integer)				nder your budget 3=find				
compare(symbol,symbol)				low-cost Dish3				
pass(char)				Enter any two dishes uni				
start				que Id of Food Itemb				
clauses				g				
start:-				low-cost:b 30rs				
write("1=enter food item 2=find food under				Continue ??(y/n)_				
select(1):-write("Enter Food from following(
start								
food								
Save C:\PROLOG\PRO6LAB.PRO								
Save C:\PROLOG\PRO6LAB.PRO								
F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End								

- **EXPERIMENT 7**

domains

name,sym,type = symbol

price = integer

predicates

food(name,price,type)

order(char,integer)

start

clauses

start:-write("You can start ordering!"),nl,order('y',0).

order('n',F):-write("-----ORDERS ----"),nl,write("Total amount of your ordering",F),nl.

order('y',B):-write("enter name of food and type of food:

"),readln(C),readln(N),nl,

food(C,D,N),T=B+D,write("Continue??(y/n):

"),readchar(A),nl,order(A,T).

food(vadapav,20,plain).

food(vadapav,30,butter).

food(vadapav,40,cheese).

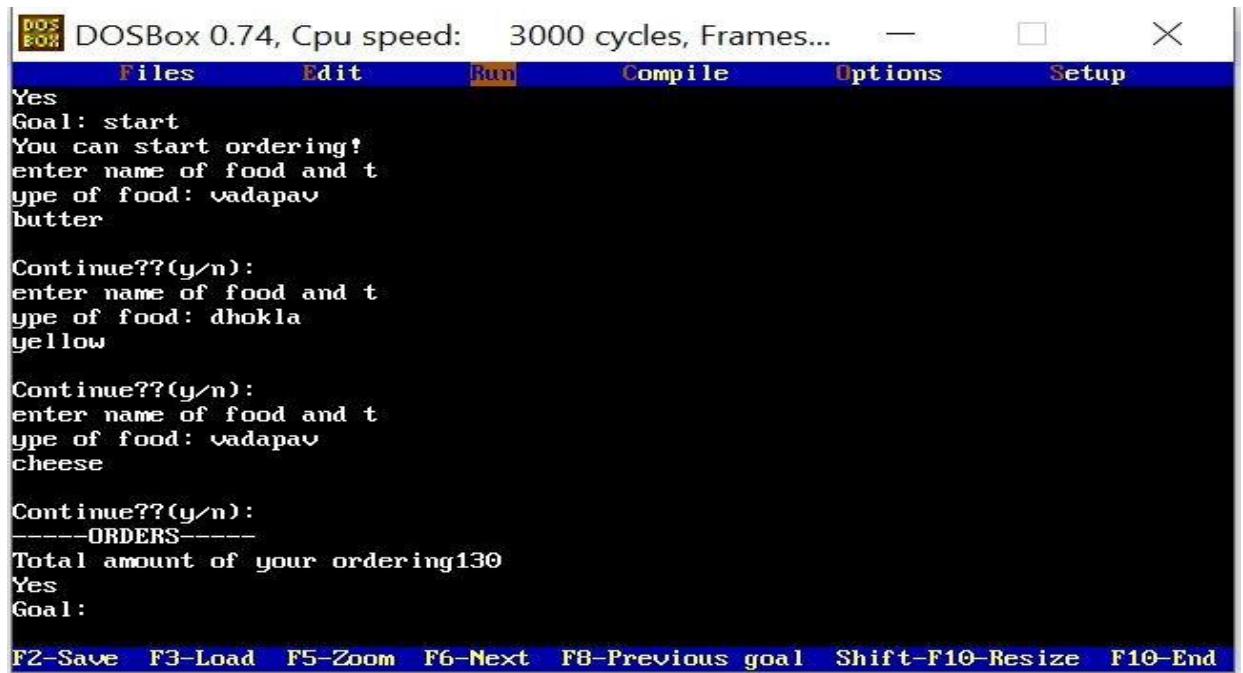
food(kadhahalwa,70,plain).

food(kadhahalwa,100,dryfruits).

food(dhokla,50,white).

food(dhokla,60,yellow).

OUTPUT



The screenshot shows a DOSBox window titled "DOSBox 0.74, Cpu speed: 3000 cycles, Frames...". The window has a menu bar with "Files", "Edit", "Run", "Compile", "Options", and "Setup". The main area displays a text-based program. The program starts with "Yes", "Goal: start", and "You can start ordering!". It then prompts for "enter name of food and t" and "ype of food: vadapav" and "butter". It then asks "Continue??(y/n):" and prompts for "enter name of food and t" and "ype of food: dhokla" and "yellow". It then asks "Continue??(y/n):" and prompts for "enter name of food and t" and "ype of food: vadapav" and "cheese". It then asks "Continue??(y/n):" and displays "-----ORDERS-----". It then displays "Total amount of your ordering130", "Yes", and "Goal:". The bottom status bar shows "F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End".

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: start
You can start ordering!
enter name of food and t
ype of food: vadapav
butter

Continue??(y/n):
enter name of food and t
ype of food: dhokla
yellow

Continue??(y/n):
enter name of food and t
ype of food: vadapav
cheese

Continue??(y/n):
-----ORDERS-----
Total amount of your ordering130
Yes
Goal:
F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```


- **EXPERIMENT 8**

CODE:

predicates

start

max(integer,integer,integer,symbol)

min(integer,integer,integer,symbol)

select(integer)

clauses

start:-write("Enter Food Item: 1. Vadapav, 2. kadhahalwa,3.
dhokla"),nl,readint(C),nl,select(C).

select(1):-

C=20,

D=30,

E=40,max(C,D,E,vadapav),nl,min(C,D,E,vadapav).

select(2):-

C=70,

D=100,

E=150,max(C,D,E,kadahalwa),nl,min(C,D,E,kadahalwa).

select(3):-

C=50,

D=60,

E=80,max(C,D,E,dhokla),nl,min(C,D,E,dhokla).

max(P,Q,R,T):-P>Q,P>R,write("maximum price of
"),write(T),write("is"),write(P),write("rs. ").

max(P,Q,R,T):-P<Q,Q>R,write("maximum price of
"),write(T),write("is"),write(Q),write("rs. ").

max(P,Q,R,T):-R>Q,R>P,write("maximum price of
"),write(T),write("is"),write(R),write("rs. ").

min(P,Q,R,T):-P<Q,P<R,write("minimum price of
"),write(T),write("is"),write(P),write("rs. ").

min(P,Q,R,T):-Q<P,Q<R,write("minimum price of
"),write(T),write("is"),write(Q),write("rs. ").

min(P,Q,R,T):-R<P,R<Q,write("minimum price of
"),write(T),write("is"),write(R),write("rs. ").

OUTPUT

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: start
Enter Food Item: 1. Uadapav, 2. kadhahalwa,3. dhokla
3
maximum price of dhoklais80rs.
minimum price of dhoklais50rs.Yes
Goal: _
F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```

● EXPERIMENT 9

domains

type,qty,desc,nameofitem=symbol

x=item(qty,desc,nameofitem)

i=items(type,x)

predicates

readitems(i)

loop(integer)

start

clauses

start:-write("Enter number of items: "),readint(X),nl,loop(X).

loop(0).

loop(X):-XX=X-1,readitems(Item),nl,write(Item),nl,loop(XX).

readitems(items(Type,item(Qty,Desc,Name))):-

write("Enter Name of the Item you would like to order:

"),readln(Name),

write("Enter Type of the Item: "),readln(Type),

write("Enter Description of the taste of the Item (Sweet/Sour/Spicy):

"),readln(Desc),

write("Enter Quantity of the Item: "),readln(Qty).

OUTPUT

```

DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Goal: start
Enter number of items: 2
Enter Name of the Item you would like to order: vadapav
Enter Type of the Item: cheese
Enter Description of the taste of the Item (Sweet/Sour/Spicy): Spicy
Enter Quantity of the Item: 4
items("cheese",item("4","Spicy","vadapav"))
Enter Name of the Item you would like to order: dhokla
Enter Type of the Item: yellow and white
Enter Description of the taste of the Item (Sweet/Sour/Spicy): sweet-sour combination
Enter Quantity of the Item: 4
items("yellow and white",item("4","sweet-sour combination","dhokla"))
Goal: _
F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End

```

- **EXPERIMENT 10**

domains

name,type,taste=symbol

price=integer

database

foodItem(name,price,type,taste)

predicates

go1

list(integer)

clauses

go1:-

write("Select options"),nl,

write("1. enter new details of food items"),nl,

write("2. delete food item"),nl,

write("3. display food item"),nl,

write("4. list of food item having more than specified price

"),nl,

write("5. Display list of all Food Items : "),nl,

readInt(Input),

list(Input).

list(1):-

write("enter name::"),

readln(Name),

write("enter price:"),

readint(Price),

write("enter Type:"),

readln(Type),

write("enter Taste:"),

readln(Taste),

asserta(foodItem(Name,Price,Type,Taste)),

save("foodItem.txt"),

write("continue(y/n)?"),

readChar(Ans),

Ans='y',nl,

go1.

list(2):-

```
write("enter name and type of food you want to delete"),
readln(Name),readln(Type),
retract(foodItem(Name,_,Type,_)),nl,
save("foodItem.txt"),
write("continue(y/n)?"),
readChar(Ans),
Ans='y',nl,
go1.
```

list(3):-

```
write("Enter Food item name:"),readln(Name),
consult("foodItem.txt"),
foodItem(Name,Price,Type,Taste),
write("Food name :",Name," Price :",Price," Type: ",Type,
" Taste: ",Taste),nl,
write("continue(y/n)?"),
readChar(Ans),nl,
Ans='y',
go1.
```

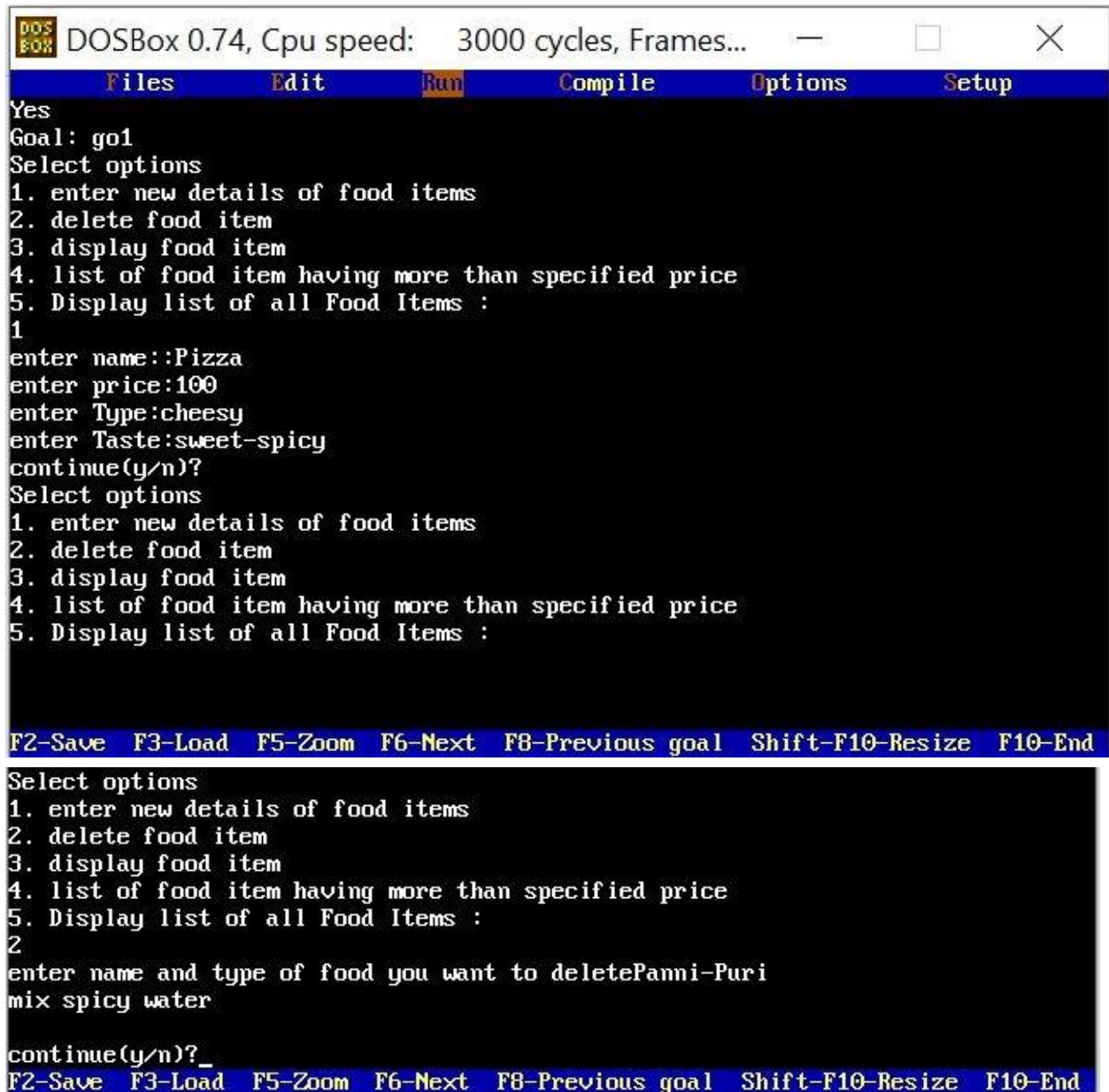
list(4):-

```
write("Enter Price : "),readInt(Price),
consult("foodItem.txt"),
foodItem(N,B,S,X),
B>Price,
write("Food name :",N," Price :",B," Type: ",S,
"Taste",X),nl,fail.
```

list(5):-

```
consult("foodItem.txt"),foodItem(N,B,S,X),
write("Food name :",N," Price :",B," Type: ",S, " Taste:
",X),nl,fail.
```

OUTPUT



```

DOS BOX DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go1
Select options
1. enter new details of food items
2. delete food item
3. display food item
4. list of food item having more than specified price
5. Display list of all Food Items :
1
enter name::Pizza
enter price:100
enter Type:cheesy
enter Taste:sweet-spicy
continue(y/n)?
Select options
1. enter new details of food items
2. delete food item
3. display food item
4. list of food item having more than specified price
5. Display list of all Food Items :
F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
Select options
1. enter new details of food items
2. delete food item
3. display food item
4. list of food item having more than specified price
5. Display list of all Food Items :
2
enter name and type of food you want to deletePanni-Puri
mix spicy water
continue(y/n)?_
F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End

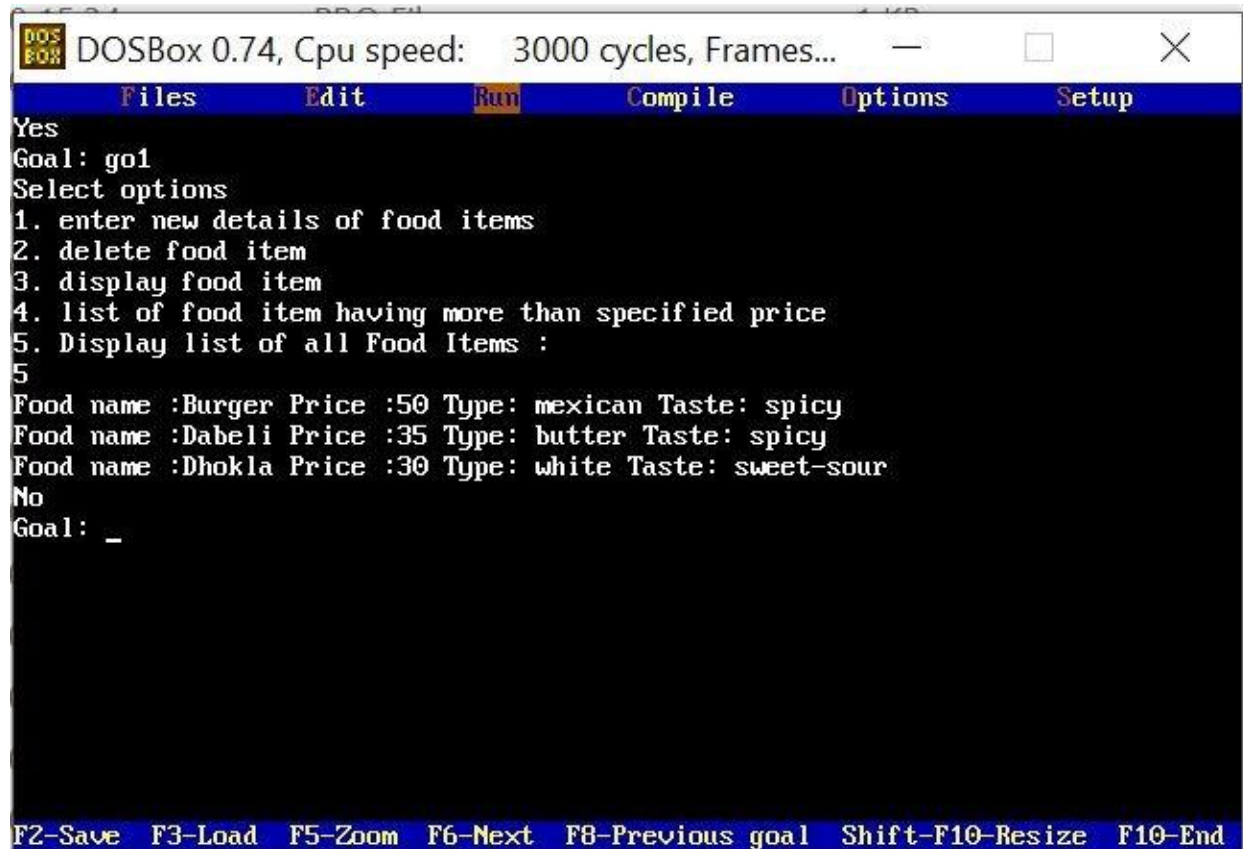
```

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go1
Select options
1. enter new details of food items
2. delete food item
3. display food item
4. list of food item having more than specified price
5. Display list of all Food Items :
3
Enter Food item name:Pizza
Food name :Pizza Price :100 Type: cheesy Taste: sweet-spicy
continue(y/n)?_

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```

```
DOSBox 0.74, Cpu speed: 3000 cycles, Frames...
Files Edit Run Compile Options Setup
Yes
Goal: go1
Select options
1. enter new details of food items
2. delete food item
3. display food item
4. list of food item having more than specified price
5. Display list of all Food Items :
4
Enter Price : 30
Food name :Burger Price :50 Type: mexicanTastespicy
Food name :Dabeli Price :35 Type: butterTastespicy
No
Goal: _

F2-Save F3-Load F5-Zoom F6-Next F8-Previous goal Shift-F10-Resize F10-End
```

The screenshot shows a DOSBox 0.74 window with a menu-driven program. The window title is "DOSBox 0.74, Cpu speed: 3000 cycles, Frames...". The menu bar includes "Files", "Edit", "Run", "Compile", "Options", and "Setup". The program text is as follows:

```
Yes
Goal: go1
Select options
1. enter new details of food items
2. delete food item
3. display food item
4. list of food item having more than specified price
5. Display list of all Food Items :
5
Food name :Burger Price :50 Type: mexican Taste: spicy
Food name :Dabeli Price :35 Type: butter Taste: spicy
Food name :Dhokla Price :30 Type: white Taste: sweet-sour
No
Goal: _
```

The bottom status bar of the DOSBox window displays the following keyboard shortcuts: F2-Save, F3-Load, F5-Zoom, F6-Next, F8-Previous goal, Shift-F10-Resize, and F10-End.