**PROJECT REPORT**

**Restaurant Manage System**



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*Thank you!*

# Introduction

This is the final report document for developed restaurant management. It consists of Menus where we have many dishes with rate.

### **Proposed restaurant management system**

Nowadays, many restaurants manage their business by manual especially take customer ordering. . In traditional booking system, a customer has to go to restaurant or make a phone call in order to get his meal reserved. Today, restaurant waiter takes the customer ordering by manual system with using paper. Customer does some formal conversation like hello, hi, etc. Than he demands for today’s menu and do some discussion over menu items then he orders. It takes 5 to 10 minutes to book the order and waiter book the order on paper so there is probability of lost and duplicates customer information. Restaurant management system puts the order in a queue with specific priority according to time and quantity, and than a cook is assigned for the specific order to complete it.

**CODE**

**.MODEL LARGE**

**.STACK 1000H**

**.DATA**

**M1 DB 10,13,10,13,' \*\*\*\*Welcome to Our Restaurants\*\*\*\*$',10,13**

**M2 DB 10,13,10,13,'Enter your Choise $'**

**M3 DB 10,13,' \*\* 1.Breakfast Menue \*\*$'**

**M4 DB 10,13,' \*\* 2.Lunce Menue \*\*$'**

**MS5 DB 10,13,' \*\* 3.Dinner Menue \*\*$'**

**M5 DB 10,13,' \*\* 4.Snacks \*\*$'**

**M6 DB 10,13,' \*\* 5.Sweat Meat \*\*$'**

**M7 DB 10,13,' \*\* 6.Drinks \*\*$'**

**M8 DB 10,13,10,13,'\*\*\*Choise your food from the menu\*\*\*$'**

**;BREAKFAST**

**M9 DB 10,13,' \*\* 1.Tanduri Roti 10/- \*\*$' ;breakfast**

**M10 DB 10,13,' \*\* 2.Nan 10/- \*\*$'**

**M11 DB 10,13,' \*\* 3.Parata 10/- \*\*$'**

**M12 DB 10,13,' \*\* 4.Dal 10/- \*\*$'**

**M13 DB 10,13,' \*\* 5.Mixed Vegetables 20/- \*\*$'**

**M14 DB 10,13,' \*\* 6.Halwa 20/- \*\*$'**

**M15 DB 10,13,' \*\* 7.Luchi 10/- \*\*$'**

**M16 DB 10,13,' \*\* 8.Fried Egg 20/- \*\*$'**

**M17 DB 10,13,' \*\* 9.Goats Feet 60/- \*\*$'**

**;lunch & dinner**

**M25 DB 10,13,' \*\* 1.Kachchi Birani(Kabab+Egg) 90/- \*\*$'**

**M26 DB 10,13,' \*\* 2.Chicken Birani(Kabab+Egg) 90/- \*\*$'**

**M27 DB 10,13,' \*\* 3.Plain Polaw 30/- \*\*$'**

**M28 DB 10,13,' \*\* 4.Chicken Bhuna Khichuri(with Kabab+Egg) 90/- \*\*$'**

**M29 DB 10,13,' \*\* 5.Mutton Bhuna Khichuri(with Kabab+Egg) 90/- \*\*$'**

**M30 DB 10,13,' \*\* 6.Plain Rice 10/- \*\*$'**

**M31 DB 10,13,' \*\* 7.Pabda Fish 30/- \*\*$'**

**M32 DB 10,13,' \*\* 8.Lobstar Big/Small 30/- \*\*$'**

**M33 DB 10,13,' \*\* 9.Koi Fish 30/- \*\*$'**

**;DINNER**

**M18 DB 10,13,' \*\* 1.Goats Brain 60/- \*\*$'**

**M19 DB 10,13,' \*\* 2.Chicken Bhuna Khichuri 80/- \*\*$'**

**M20 DB 10,13,' \*\* 3.Mutton Bhuna Khichuri 80/- \*\*$'**

**M21 DB 10,13,' \*\* 4.Chicken Liver/Kolija 40/- \*\*$'**

**M22 DB 10,13,' \*\* 5.Goats Liver/Kolija 50/- \*\*$'**

**M23 DB 10,13,' \*\* 6.Chicken Vuna 70/- \*\*$'**

**M34 DB 10,13,' \*\* 7.Hilsha Fish 60/- \*\*$'**

**M35 DB 10,13,' \*\* 8.Rui Fish 60/- \*\*$'**

**M36 DB 10,13,' \*\* 9.Molay/Kaski Fish 60/- \*\*$'**

**;M37 DB 10,13,'13.Chicken Roast 60/-$'**

**;M38 DB 10,13,'14.Egg Curry 30/-$'**

**;M39 DB 10,13,'15.Vagetable 20/-$'**

**;M40 DB 10,13,'16.Shirmp Mash/Bhorta 20/-$'**

**;snacks**

**M41 DB 10,13,' \*\* 1.Moghol Porata 8/- \*\*$'**

**M42 DB 10,13,' \*\* 2.Shami/Jali Kabab 80/- \*\*$'**

**M43 DB 10,13,' \*\* 3.Singara 5/- \*\*$'**

**M44 DB 10,13,' \*\* 4.Chicken Samucha 5/- \*\*$'**

**;sweat meat**

**M45 DB 10,13,' \*\* 1.Faluda 50/- \*\*$'**

**M46 DB 10,13,' \*\* 2.Puding 50/- \*\*$'**

**M47 DB 10,13,' \*\* 3.Firnni 50/- \*\*$'**

**M48 DB 10,13,' \*\* 4.Curd 50/- \*\*$'**

**;Drinks**

**M49 DB 10,13,' \*\* 1.Shoft Drinks 8/- \*\*$'**

**M50 DB 10,13,' \*\* 2.Laschi 6/- \*\*$'**

**M51 DB 10,13,' \*\* 3.Borhani 9/- \*\*$'**

**M52 DB 10,13,' \*\* 4.Labang 9/- \*\*$'**

**M53 DB 10,13,' \*\* 5.Coffee 7/- \*\*$'**

**M54 DB 10,13,' \*\* 6.Tea 5/- \*\*$'**

**;INVALID**

**M55 DB 10,13,10,13,'\*\*\*&&INVALID ENTRY&&\*\*\*$'**

**M56 DB 10,13,' \*\*\*&&Try Again&&\*\*\*$'**

**M57 DB 10,13,10,13,'Enter your order: $'**

**M58 DB 10,13,'Quantity: $'**

**M59 DB 10,13,'Total Price: $'**

**DRINK DB ?**

**QUANTITY DB ?**

**M60 DB 10,13,10,13,'1.Go Back to Main Menu$'**

**M61 DB 10,13,'2.EXIT$'**

**;STAR RESIZE**

**MR1 DB 10,13,' \*\* \*\*$'**

**MR2 DB 10,13,' \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*$'**

**MR3 DB 10,13,' \*\* \*\*$'**

**MR4 DB 10,13,' \*\* \*\*$'**

**MR5 DB 10,13,' \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*$'**

**MR6 DB 10,13,' \*\* \*\*$'**

**MR7 DB 10,13,' \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*$'**

**SEJ DB 10,13,10,13,' $'**

**.CODE**

**MAIN PROC**

**MOV AX,@DATA**

**MOV DS,AX**

**TOP:**

**LEA DX,M1**

**MOV AH,9**

**INT 21H**

**LEA DX,SEJ ;NEWLINE**

**MOV AH,9**

**INT 21H**

**LEA DX,MR2**

**MOV AH,9**

**INT 21H**

**LEA DX,MR2**

**MOV AH,9**

**INT 21H ;BORDER**

**LEA DX,MR3**

**MOV AH,9**

**INT 21H**

**LEA DX,M3**

**MOV AH,9**

**INT 21H**

**LEA DX,M4**

**MOV AH,9**

**INT 21H**

**LEA DX,MS5**

**MOV AH,9**

**INT 21H**

**LEA DX,M5**

**MOV AH,9**

**INT 21H**

**LEA DX,M6**

**MOV AH,9**

**INT 21H**

**LEA DX,M7**

**MOV AH,9**

**INT 21H**

**LEA DX,MR1**

**MOV AH,9**

**INT 21H**

**LEA DX,MR2**

**MOV AH,9**

**INT 21H**

**LEA DX,MR2**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**MOV BH,AL**

**SUB BH,48**

**CMP BH,1**

**JE BREATFAST**

**CMP BH,2**

**JE LD**

**CMP BH,3**

**JE DINNER**

**CMP BH,4**

**JE SNACKS**

**CMP BH,5**

**JE SWEATMEAT**

**CMP BH,6**

**JE DRINKS**

**JMP INVALID**

**BREATFAST:**

**LEA DX,M8 ;BREATFAST STARTS**

**MOV AH,9**

**INT 21H**

**LEA DX,SEJ ;NEWLINE**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,MR4**

**MOV AH,9**

**INT 21H**

**LEA DX,M9 ;item 1**

**MOV AH,9**

**INT 21H**

**LEA DX,M10 ;item 2**

**MOV AH,9**

**INT 21H**

**LEA DX,M11**

**MOV AH,9 ;3nd**

**INT 21H**

**LEA DX,M12**

**MOV AH,9 ;4rd**

**INT 21H**

**LEA DX,M13 ;5th**

**MOV AH,9**

**INT 21H**

**LEA DX,M14 ;6th**

**MOV AH,9**

**INT 21H**

**LEA DX,M15**

**MOV AH,9 ;7th**

**INT 21H**

**LEA DX,M16 ;8th**

**MOV AH,9**

**INT 21H**

**LEA DX,M17 ;9th**

**MOV AH,9**

**INT 21H**

**LEA DX,MR4**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,M57**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**MOV BL,AL**

**SUB BL,48**

**CMP BL,1**

**JE TEN**

**CMP BL,2**

**JE TEN**

**CMP BL,3**

**JE TEN**

**CMP BL,4**

**JE TEN**

**CMP BL,5**

**JE TWENTY**

**CMP BL,6**

**JE TWENTY**

**CMP BL,7**

**JE TEN**

**CMP BL,8**

**JE TWENTY**

**CMP BL,9**

**JE SIXTY**

**;CMP BL,10**

**;JE SIXTY**

**;CMP BL,11**

**;JE EIGHTY**

**;CMP BL,12**

**;JE EIGHTY**

**;CMP BL,13**

**;JE FOURTY**

**;CMP BL,14**

**;JE FIFTY**

**;CMP BL,15**

**;JE SEVENTY**

**;CMP BL,14**

**;JE SEVENTY**

**JMP INVALID**

**FOURTY:**

**MOV BL,4**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H ;MAIN MENU**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**FIFTY:**

**MOV BL,4**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48 ;MAIN MENU**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**SEVENTY:**

**MOV BL,7**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H ;MAIN MENU**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**EIGHTY:**

**MOV BL,8**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2 ;MAIN MENU**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**JMP EXIT**

**LD:**

**;LUNCH AND DINNER**

**LEA DX,M8**

**MOV AH,9**

**INT 21H**

**LEA DX,SEJ ;NEWLINE**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**;STAR BORDER**

**LEA DX,MR4**

**MOV AH,9**

**INT 21H**

**LEA DX,M25 ;1th**

**MOV AH,9**

**INT 21H**

**LEA DX,M26 ;2th**

**MOV AH,9**

**INT 21H**

**LEA DX,M27 ;3rd**

**MOV AH,9**

**INT 21H**

**LEA DX,M28 ;4th**

**MOV AH,9**

**INT 21H**

**LEA DX,M29 ;5th**

**MOV AH,9**

**INT 21H**

**LEA DX,M30 ;6th**

**MOV AH,9**

**INT 21H**

**LEA DX,M31 ;7th**

**MOV AH,9**

**INT 21H**

**LEA DX,M32 ;8th**

**MOV AH,9**

**INT 21H**

**LEA DX,M33 ;9th**

**MOV AH,9**

**INT 21H**

**;LEA DX,M34 ;10th**

**;MOV AH,9**

**;INT 21H**

**;LEA DX,M35 ;11th**

**;MOV AH,9**

**;INT 21H**

**;LEA DX,M36 ;12th**

**;MOV AH,9**

**;INT 21H**

**;;LEA DX,M37 ;13th**

**;MOV AH,9**

**;INT 21H**

**;LEA DX,M38 ;13th**

**;MOV AH,9**

**;INT 21H**

**;LEA DX,M39 ;15th**

**;MOV AH,9**

**;INT 21H**

**;LEA DX,M40 ;16th**

**;MOV AH,9**

**;INT 21H**

**LEA DX,MR4**

**MOV AH,9**

**INT 21H**

**;STAR BORDER**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,M57**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**MOV BL,AL**

**SUB BL,48**

**CMP BL,1**

**JE NINETY**

**CMP BL,2**

**JE NINETY**

**CMP BL,3**

**JE THIRTY**

**CMP BL,4**

**JE NINETY**

**CMP BL,5**

**JE NINETY**

**CMP BL,6**

**JE TEN**

**CMP BL,7**

**JE THIRTY**

**CMP BL,8**

**JE THIRTY**

**CMP BL,9**

**JE THIRTY**

**;CMP BL,10**

**;JE SIXTY**

**;CMP BL,11**

**;JE SIXTY**

**;CMP BL,12**

**;JE SIXTY**

**;CMP BL,13**

**;JE SIXTY**

**;CMP BL,14**

**;JE THIRTY**

**;CMP BL,15**

**;JE TWENTY**

**;CMP BL,14**

**;JE TWENTY**

**JMP INVALID**

**TEN:**

**MOV BL,1**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**TWENTY:**

**MOV BL,2**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**THIRTY:**

**MOV BL,3**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**SIXTY:**

**MOV BL,6**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H ;MAIN MENU**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**NINETY:**

**MOV BL,9**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**JMP EXIT**

**DINNER:**

**LEA DX,M8**

**MOV AH,9 ;DINNER STARTS**

**INT 21H**

**LEA DX,SEJ ;NEWLINE**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H ;BORDER**

**LEA DX,MR4**

**MOV AH,9**

**INT 21H**

**LEA DX,M18 ;1th**

**MOV AH,9**

**INT 21H**

**LEA DX,M19**

**MOV AH,9 ;12th**

**INT 21H**

**LEA DX,M20 ;3th**

**MOV AH,9**

**INT 21H**

**LEA DX,M21**

**MOV AH,9 ;4th**

**INT 21H**

**LEA DX,M22 ;5th**

**MOV AH,9**

**INT 21H**

**LEA DX,M23 ;6th**

**MOV AH,9**

**INT 21H**

**LEA DX,M34 ;10th**

**MOV AH,9**

**INT 21H**

**LEA DX,M35 ;11th**

**MOV AH,9**

**INT 21H**

**LEA DX,M36 ;12th**

**MOV AH,9**

**INT 21H**

**LEA DX,MR4**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5 ;BORDER**

**MOV AH,9**

**INT 21H**

**LEA DX,MR5**

**MOV AH,9**

**INT 21H**

**LEA DX,M57**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**MOV BL,AL**

**SUB BL,48**

**CMP BL,1**

**JE SIXTY**

**CMP BL,2**

**JE EIGHTY**

**CMP BL,3**

**JE EIGHTY**

**CMP BL,4**

**JE FOURTY**

**CMP BL,5**

**JE FIFTY**

**CMP BL,6**

**JE SEVENTY**

**CMP BL,7**

**JE SIXTY**

**CMP BL,8**

**JE SIXTY**

**CMP BL,9**

**JE SIXTY**

**FOURTY1:**

**MOV BL,4**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H ;MAIN MENU**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**FIFTY1:**

**MOV BL,4**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48 ;MAIN MENU**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**SIXTY1:**

**MOV BL,6**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H ;MAIN MENU**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**SEVENTY1:**

**MOV BL,7**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H ;MAIN MENU**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**EIGHTY1:**

**MOV BL,8**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2 ;MAIN MENU**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**JMP EXIT**

**SNACKS:**

**LEA DX,M8**

**MOV AH,9 ;SNACKS STARTS**

**INT 21H**

**LEA DX,SEJ ;NEWLINE**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H ;BORDER**

**LEA DX,MR6**

**MOV AH,9**

**INT 21H**

**LEA DX,M41 ;1th**

**MOV AH,9**

**INT 21H**

**LEA DX,M42 ;2th**

**MOV AH,9**

**INT 21H**

**LEA DX,M43 ;3th**

**MOV AH,9**

**INT 21H**

**LEA DX,M44 ;4th**

**MOV AH,9**

**INT 21H**

**LEA DX,MR6**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H ;BORDER**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H**

**LEA DX,M57**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**MOV BL,AL**

**SUB BL,48**

**CMP BL,1**

**JE L1**

**CMP BL,2**

**JE L2**

**CMP BL,3**

**JE L3**

**CMP BL,4**

**JE L3**

**JMP INVALID**

**L1:**

**MOV BL,8**

**JMP L4**

**L2:**

**MOV BL,8**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**L3:**

**MOV BL,5**

**JMP L4**

**L4:**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**SWEATMEAT:**

**LEA DX,M8**

**MOV AH,9 ;SWEAT MEAT STARTS**

**INT 21H**

**LEA DX,SEJ ;NEWLINE**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H ;BORDER**

**LEA DX,MR6**

**MOV AH,9**

**INT 21H**

**LEA DX,M45 ;1th**

**MOV AH,9**

**INT 21H**

**LEA DX,M46 ;2th**

**MOV AH,9**

**INT 21H**

**LEA DX,M47 ;3th**

**MOV AH,9**

**INT 21H**

**LEA DX,M48 ;4th**

**MOV AH,9**

**INT 21H**

**LEA DX,MR6**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H ;BORDER**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H**

**LEA DX,M57**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**MOV BL,AL**

**SUB BL,48**

**CMP BL,4**

**JG INVALID**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**XOR BL,BL**

**MOV BL,5**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,'0'**

**INT 21H**

**;FOR /- PRINT**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT**

**DRINKS:**

**LEA DX,M8**

**MOV AH,9 ;DRINKS STARTS**

**INT 21H**

**LEA DX,SEJ ;NEWLINE**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H ;BORDER**

**LEA DX,MR6**

**MOV AH,9**

**INT 21H**

**LEA DX,M49 ;1th**

**MOV AH,9**

**INT 21H**

**LEA DX,M50 ;2th**

**MOV AH,9**

**INT 21H**

**LEA DX,M51 ;3th**

**MOV AH,9**

**INT 21H**

**LEA DX,M52 ;4th**

**MOV AH,9**

**INT 21H**

**LEA DX,M53 ;5th**

**MOV AH,9**

**INT 21H**

**LEA DX,M54 ;6th**

**MOV AH,9**

**INT 21H**

**LEA DX,MR6**

**MOV AH,9**

**INT 21H**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H ;BORDER**

**LEA DX,MR7**

**MOV AH,9**

**INT 21H**

**LEA DX,M57**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**MOV BL,AL**

**SUB BL,48**

**CMP BL,1**

**JE SOFTDRINK**

**CMP BL,2**

**JE LASCHI**

**CMP BL,3**

**JE BORHANI**

**CMP BL,4**

**JE LABANG**

**CMP BL,5**

**JE COFFEE**

**CMP BL,6**

**JE TEA**

**JMP INVALID**

**SOFTDRINK:**

**MOV BL,8**

**JMP COMMON**

**LASCHI:**

**MOV BL,6**

**JMP COMMON**

**BORHANI:**

**MOV BL,9**

**JMP COMMON**

**LABANG:**

**MOV BL,9**

**JMP COMMON**

**COFFEE:**

**MOV BL,7**

**JMP COMMON**

**TEA:**

**MOV BL,5**

**JMP COMMON**

**COMMON:**

**LEA DX,M58**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**MUL BL**

**AAM**

**MOV CX,AX**

**ADD CH,48**

**ADD CL,48**

**LEA DX,M59**

**MOV AH,9**

**INT 21H**

**MOV AH,2**

**MOV DL,CH**

**INT 21H**

**MOV DL,CL**

**INT 21H**

**MOV DL,47**

**INT 21H**

**MOV DL,45**

**INT 21H**

**;GO BACK TO MAIN MENU**

**LEA DX,M60**

**MOV AH,9**

**INT 21H**

**LEA DX,M61**

**MOV AH,9**

**INT 21H**

**LEA DX,M2**

**MOV AH,9**

**INT 21H**

**MOV AH,1**

**INT 21H**

**SUB AL,48**

**CMP AL,1**

**JE TOP**

**JMP EXIT:**

**INVALID:**

**LEA DX,M55**

**MOV AH,9**

**INT 21H**

**LEA DX,M56**

**MOV AH,9**

**INT 21H**

**JMP EXIT**

**EXIT:**

**MOV AH,4CH**

**INT 21H**

**MAIN ENDP**

**END MAIN**

**SCREEN SHOT**

