



SRM

UNIVERSITY

(Under section 3 of UGC Act 1956)

HOSTEL FOOD MANAGEMENT SYSTEM

THE PROJECT IS DONE BY

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SOME OF THE TOPICS USED IN THE CODE ::

1) STRUCTURE

2) POINTERS

3) ARRAY

4) STRUCTURE ARRAY

5) COMPLEX FILE HANDLING

USER MANUAL

THE DATA IS TAKEN FROM TWO FILES NAMELY::

1)LIST.TXT

2)CALORIE.TXT

THESE FILES SERVE ARE MANDATORY AS THEY CONTAIN THE NAME OF THE DISHES AND THE CALORIE OF THE DISHES. ANY MODIFICATIONS DONE IN THE FILE REFLECTS IN THE PROGRAM.

Constructing the menu

IN THE LIST.TXT FILE, THE FIRST LINE REPRESENTS THE NUMBER OF DISHES IN THE MENU. YOU CAN ADD THE DISHES IN THE MENU BY ADDING IT IN THE FILE.

THE CALORIES ARE ADDED IN THE CALORIE.TXT FILE WITH RESPECT TO THE DISHES IN THE LIST.TXT

THEN THE OUTPUT IS RECEIVED IN THE FORM OF TXT CALLED ORDERLIST.TXT. THIS FILE CONSISTS OF THE ORDER(THE SELECTED FOOD ITEMS FROM THE MENU AND HAS PASSED THE CALORIE REQUIREMENT CONDITION) AND THE CALORIE.

How to Access the code

STEP 1) ENTER THE NUMBER OF DISHES YOU WANT TO ADD TO YOUR MEAL

STEP 2) ENTER THE DISHES (BY SELECTING THEIR INDEX NUMBER)

STEP 3) ENTER THE AVERAGE CALORIE YOU NEED FOR A MEAL

STEP 4) GET THE FINAL LIST FROM THE OUTPUT FILE(ORDERLIST.TXT)

SAMPLE INPUT AND OUTPUT

- interaction with code in console

```
prototype
29.Name :: Tea
Calories :: 12.000 per 100 gram

Please enter the number of dishes::
3

Press the number for the desired dish ::
1
Dish selected :: Idly

Total calories = 133.000000

Press the number for the desired dish ::
2
Dish selected :: chapathi

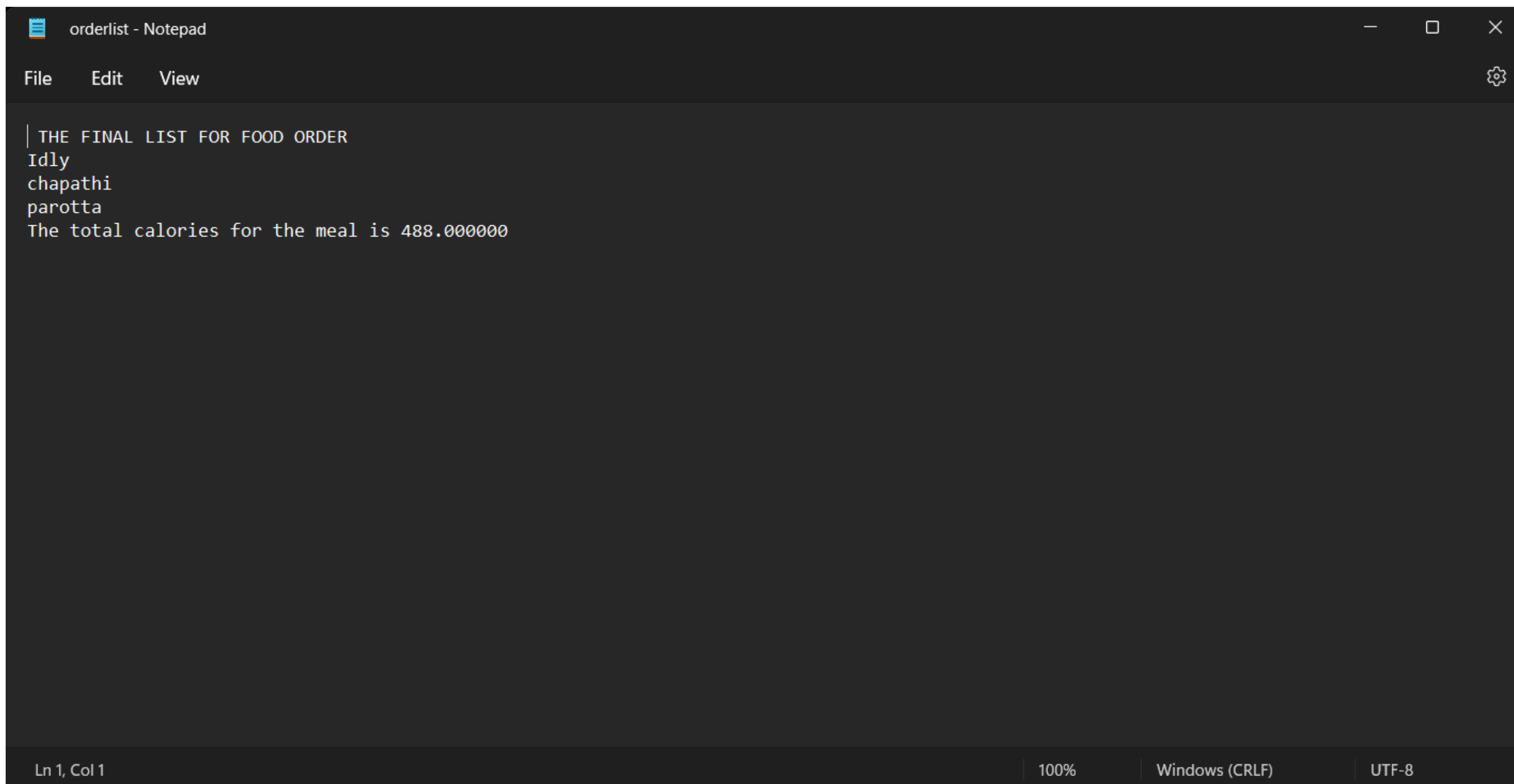
Total calories = 191.000000

Press the number for the desired dish ::
3
Dish selected :: parotta

Total calories = 488.000000
Please enter the average calories needed for a person (usually 667 per meal for adult) ::
467
The calorie intake is perfect
Press any key to continue
```

SAMPLE INPUT AND OUTPUT

- **The output is stored in text form file**



```
| THE FINAL LIST FOR FOOD ORDER
Idly
chapathi
parotta
The total calories for the meal is 488.000000
```

Ln 1, Col 1 | 100% | Windows (CRLF) | UTF-8



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Thank you