

GIRLSCRIPT

SEPTEMBER SOLUTION (MEDIUM)

COVID19 FOOD APP

APPROACH

In this program I kept the approach quite simple. I have used Dictionary to store the information of a person and used independent variables for food quantity requirement storage. Another dictionary is used to store the data regarding quantity and price corresponding to the food. Dictionary approach can later help us to store our data easily in a database. My program is only Command Line Based. Other than that, I have done sufficient in-code commenting for better readability of the code.

OUTPUT

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Command Prompt

C:\Users\DELL\Desktop\GIRLSCRIPT\code-with-girlscript-bangalore\Medium\3. COVID-19 Food Supply App\solutions\C018325_Inderpreet-Singh>python main.py
REGISTER FOR THE SURVEY [Y || N]: y
AADHAR NUMBER : 34543345432
NAME AS PER AADHAR NUMBER: A
Male-0
Female-1
Other-2

ENTER THE NUMBER CORRESPONDING TO YOUR GENDER : 0

Enter the person age: 12

RICE INTAKE BY YOU IN A DAY (IN GRAMS) : 750

DAL INTAKE BY YOU IN A DAY (IN GRAMS) : 400
0--Bread
1--Tiger/Parle G
2--Nandini Milk TetraPacks
3--Canned Fruits
4--Canned Veggies

ENTER THE NUMBER CORRESPONDING TO THE SPECIAL FOOD YOU WANT TO SELECT : 2

ENTER THE NUMBER CORRESPONDING TO THE SPECIAL FOOD YOU WANT TO SELECT : 3

INFORMATION ENTERED BY PERSON :
{'aadhar_num': '34543345432', 'name': 'A', 'gender': 'Male', 'age': 12, 'rice': 750.0, 'special': ['Nandini Milk TetraPacks', 'Canned Fruits']}

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REGISTER FOR THE SURVEY [Y || N]: Y
AADHAR NUMBER : 5678987654
NAME AS PER AADHAR NUMBER: B
Male-0
Female-1
Other-2

ENTER THE NUMBER CORRESPONDING TO YOUR GENDER : 0

Enter the person age: 12
```

Command Prompt

```
Enter the person age: 12
RICE INTAKE BY YOU IN A DAY (IN GRAMS) : 500
DAL INTAKE BY YOU IN A DAY (IN GRAMS) : 200
0--Bread
1--Tiger/Parle G
2--Nandini Milk TetraPacks
3--Canned Fruits
4--Canned Veggies

ENTER THE NUMBER CORRESPONDING TO THE SPECIAL FOOD YOU WANT TO SELECT : 0

ENTER THE NUMBER CORRESPONDING TO THE SPECIAL FOOD YOU WANT TO SELECT : 1

INFORMATION ENTERED BY PERSON :
{'aadhar_num': '5678987654', 'name': 'B', 'gender': 'Male', 'age': 12, 'rice': 500.0, 'special': ['Bread', 'Tiger/Parle G']}
```

```
-----
REGISTER FOR THE SURVEY [Y || N]: Y
AADHAR NUMBER : 4567887654
NAME AS PER AADHAR NUMBER: C
Male-0
Female-1
Other-2

ENTER THE NUMBER CORRESPONDING TO YOUR GENDER : 0
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```
Enter the person age: 88
RICE INTAKE BY YOU IN A DAY (IN GRAMS) : 600
DAL INTAKE BY YOU IN A DAY (IN GRAMS) : 250
0--Canned Fruits
1--Canned Veggies
2--Nandini Milk TetraPacks
3--Medicine Packs

ENTER THE NUMBER CORRESPONDING TO THE SPECIAL FOOD YOU WANT TO SELECT : 2
```

Command Prompt

```
ENTER THE NUMBER CORRESPONDING TO THE SPECIAL FOOD YOU WANT TO SELECT : 3

INFORMATION ENTERED BY PERSON :
{'aadhar_num': '4567887654', 'name': 'C', 'gender': 'Male', 'age': 88, 'rice': 600.0, 'special': ['Nandini Milk TetraPacks', 'Medicine Packs']}
```

```
-----
REGISTER FOR THE SURVEY [Y || N]: N
```

----- REPORT GENERATED -----

```
INFORMATION REGARDING POPULATION
Infants: Below 2years: 0
Children: Between 3 to 18 years: 2
Old Age: Above 70 years: 1
Adult Female: Between 18 to 69 years: 0
Adult Male: Between 18 to 69 years: 0
Adult Other: Between 18 to 69 years: 0
```

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FOOD QUANTITY REQUIREMENT INFORMATION
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```
Rice in Kg per day:      1.85 KG
Dal in Kg per day:       0.85 KG
Cerelac:                 0
Amul powder:             0
Nandini Milk TetraPacks: 2
Bread:                   1
Tiger/Parle G Biscuits:  1
Canned Veggies:         0
Canned Fruits:           1
Medicine Packs:          1
Calcium Sandoz Tablets:  0
```

Command Prompt

Tiger/Parle G Biscuits: 1
Canned Veggies: 0
Canned Fruits: 1
Medicine Packs: 1
Calcium Sandoz Tablets: 0

FOOD MONTHLY QUANTITY REQUIREMENT INFORMATION

Rice in Kg per day: 55.50 KG
Dal in Kg per day: 25.50 KG
Cerelac: 0
Amul powder: 0
Nandini Milk TetraPacks: 16
Bread: 4
Tiger/Parle G Biscuits: 30
Canned Veggies: 0
Canned Fruits: 4
Medicine Packs: 1
Calcium Sandoz Tablets: 0

TOTAL MONEY REQUIREMENT REQUIREMENT INFORMATION

Rice cost per month: Rs 2220.00.
Dal cost per month: Rs 1657.50.
Cerelac cost per month: Rs 0.
Amul powder cost per month: Rs 0.
Nandini Milk TetraPacks cost per month: Rs 720.
Bread cost per month: Rs 100.
Tiger/Parle G Biscuits cost per month: Rs 90.
Canned Veggies cost per month: Rs 0.
Canned Fruits cost per month: Rs 400.
Medicine Packs cost per month: Rs 500.
Calcium Sandoz Tablets cost per month: Rs 0.

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