

GirlScript Medium Problem Solution

The solution is implemented in python using the concepts of lists, variables, loops, conditional statements. This solution will also handle exceptions using the exception handling concept.

Output:

```
> python3 app.py
Do you want to register survey [y/n]: y
Enter your Aadhar Number: 323424324343
Enter your name as per Aadhar: A
1  Male
2  Female
3  Other
Enter your options from the above list:1
Enter the person age: 24
Enter How much rice in grams he/she eats per day?: 700
Enter How much dal in grams he/she eats per day?: 400
1 : Canned Fruits
2 : Canned Veggies
3 : Nandini Milk TetraPacks
Please enter the special Item based on your choice: 1
Please enter the special Item based on your choice: 3
Do you want to register survey [y/n]: y
Enter your Aadhar Number: 456456456456
Enter your name as per Aadhar: B
1  Male
2  Female
3  Other
Enter your options from the above list:1
Enter the person age: 15
Enter How much rice in grams he/she eats per day?: 550
Enter How much dal in grams he/she eats per day?: 200
1 : Bread
2 : Tiger/Parle G
3 : Nandini Milk TetraPacks
4 : Canned Fruits
5 : Canned Veggies
Please enter the special Item based on your choice: 1
Please enter the special Item based on your choice: 2
Do you want to register survey [y/n]: y
```

```

Enter your Aadhar Number: 434355433455
Enter your name as per Aadhar: C
1  Male
2  Female
3  Other
Enter your options from the above list:2
Enter the person age: 43
Enter How much rice in grams he/she eats per day?: 600
Enter How much dal in grams he/she eats per day?: 250
1 : Canned Fruits
2 : Canned Veggies
3 : Nandini Milk TetraPacks
4 : Calcium Sandoz Tablets
Please enter the special Item based on your choice: 3
Please enter the special Item based on your choice: 4
Do you want to register survey [y/n]: n
##### OVERALL SURVEY REPORT #####
      Personal Information
      Age Group          No.Of People
      Infants: Below 2years          0
      Children: Between 3 to 18 years          1
      Old Age: Above 70 years          0
      Adult Female: Between 18 to 69 years          1
      Adult Male: Between 18 to 69 years          1
      Adult Other: Between 18 to 69 years          0

      Food Information

      Food Item          Required Quantity          Monthly Quantity          Price
      Rice in Kg per day: 1.85 KG : 30 : 2220.0
      Dal in Kg per day: 0.85 KG : 30 : 1657.5000000000002
      Nandini Milk TetraPacks: 2 : 8 : 720
      Bread: 1 : 4 : 100
      Tiger/Parle G Biscuits: 1 : 30 : 90
      Canned Fruits: 1 : 4 : 400
      Rice in Kg per day: 1 : 1 : 500
Total Amount Required: 5687.5

```