Assignment No3 Solution

**CS 101**

For Any Solution Just Comment on Website

Suppose you are working as a programmer in an IT firm. Your firm got a project to develop an application for an Ice Cream Parlor. The application must be developed considering the following scenario. • The application will display a menu showing the flavors that have been offered by the Ice Cream Parlor. • The Parlor offers Tutti-Frutti, Chocolate, Pineapple, Kulfa, Strawberry, Mango, Orange, and Pistachio flavors. • The price of each flavor per scoop has been listed in the table below, for multiple scoops, the price will variate as per the scenario stated in

the table.

The developed application will ask the customer to select the flavors and no. of scoops for each selected flavour. The progam will perform the calculation and calculate bill.

Write Pseudo Code for above question..

|  |  |  |  |
| --- | --- | --- | --- |
| **Flavour** | **One Scoop** | **Two Scoop** | **Three Scoop** |
| Tutti-Frutti | 150 | 120 | 100 |
| Chocolate | 150 | 120 | 100 |
| Pineapple | 150 | 120 | 100 |
| Kulfa | 150 | 120 | 100 |
| Strawberry | 175 | 150 | 100 |
| Mango | 200 | 170 | 130 |
| Orange | 150 | 120 | 150 |

**Pseudo Code**

BEGIN

GET n

INITIALIZE i=0

while i<n

PRINT i

i=i+l

END

1 BEGIN

2 Show Menu

3 SHOW FLAVOR

4 SHOW SCOOP PRICES = pr

5 SHOW " Which Flavor do you want?'

6 INPUT FALVOUR = Fl

7 PRINT F

8 SHOW "How many scoop want'

9 INPUT scoop = sc

10 PRINT S

11 SHOW "How much quantity you want sir!"

12 INPUT Quantity = Qty

13CALCULATE ItemBill = pr • Sc • Qty

14 PRINT ItemBill

15 Total Bill=0

16 CALCULATE TotalBill = ItemBill + TotalBill

17 SHOW •Do you want anymore"

18 If (yes) THEN

19 GOTO 5

20 ELSE

21 SHOW "Here is your Bill"

22 SHOW TotalBill

23 CALCULATE Discount= TOtalBill \*5/100

24 CALCULATE GST 17% =TOtalBill \*17/100

25 CALCULATE NetBill = (TOtalBill + GST)- Discount

26 SHOW NetBill

27 Exit