

Develop menu driven applications for offline shopping like display of items with code and name, price and offers, frequently visited customers and offers.

//FRUITS SHOP

//A menu driven program of fruits for customer

```
#include<stdio.h>
```

```
int main()
```

```
{
```

```
    int price,total_price;
```

```
    float discount_price,final_price;
```

```
    int m_q,a_q,g_q,o_q,p_q,bg_q; //m_q=mango quantity,a_q=apple  
quantity,g_q=grapes quantity
```

```
    int m_p,a_p,g_p,o_p,p_p,bg_p; //m_p=mango price
```

```
    int toc=0; //toc=type of customer 1=regular customer , !1=new customer
```

```
    printf("~~~~~WELCOME TO TASTY FRUITS SHOP~~~~~\n");
```

```
    printf("***** FRUITS AVIALABLE ARE *****\n");
```

```
    printf("~~~~~\n");
```

```
    printf("code - item - price(Rs) \n 10001 - mango - 50 \n 10002 - apple  
- 150 \n 10003 - guava - 50 \n 10004 - orange - 100 \n 10005 -  
pomegranate - 100 \n 10006 - black grapes - 80\n");
```

```
    printf("ENTER THE QUANTITY REQUESTED:\n");
```

```
    printf("MANGOES :");
```

```
    scanf("%d",&m_q);
```

```
    printf("APPLES :");
```

```
    scanf("%d",&a_q);
```

```
    printf("GAUVA :");
```

```
    scanf("%d",&g_q);
```

```
    printf("ORANGE :");
```

```
    scanf("%d",&o_q);
```

```
    printf("POMEGRANATE :");
```

```
    scanf("%d",&p_q);
```

```
    printf("BLACK GRAPES :");
```

```
    scanf("%d",&bg_q);
```

```
    if(m_q>0)
```

```
{
    m_p=(m_q)*50 ; //m_p=mango price
}
else
{
    m_p=0;
}

if(a_q>0)
{
    a_p=(a_q)*150 ; //a_p=apple price
}
else
{
    a_p=0;
}
if(g_q>0)
{
    g_p=(g_q)*50 ; //g_p=gauva price
}
else
{
    g_p=0;
}

if(o_q>0)
{
    o_p=(o_q)*100 ; //o_p=orange price
}
else
{
    o_p=0;
}

if(p_q>0)
```

```

{
    p_p=(p_q)*100 ;    //p_p=pomegranate price
}
else
{
    p_p=0;
}
if(bg_q>0)
{
    bg_p=(bg_q)*80 ;    //bg_p=black grapes price
}
else
{
    bg_p=0;
}
printf("~~~~~your order is~~~~~ : \n");
printf("item - quantity - price \n");
printf("mangoes - %d - %d \n",m_q,m_p);
printf("apples - %d - %d \n",a_q,a_p);
printf("orange - %d - %d \n",o_q,o_p);
printf("gauva - %d - %d\n",g_q,g_p);
printf("pomegranate - %d - %d\n",p_q,p_p);
printf("black grapes - %d - %d\n",bg_q,bg_p);
total_price= m_p + a_p + g_p + o_p + p_p + bg_p ;
printf("~~~~the total price of all fruits is~~~~~ : %d\n",total_price);
printf("enter whether you are 'regular customer' or a 'new customer' :
%d\n",toc);
scanf("%d",&toc);
if(toc==1)
{
    discount_price=0.3 * total_price ;// for regular customer
}
else
{
    discount_price=0.1 * total_price ;// for new customer
}

```

```

}
printf("the discount price is : %.2f\n",discount_price);

final_price= total_price-discount_price ;

printf("final price of your items is : %.2f\n",final_price);

printf(" ***** !VISIT AGAIN AND GET MORE OFFERS! *****\n");
printf("_____THANK YOU_____ \n");
return 0;
}

```

OUTPUT:

~~~~~WELCOME TO TASTY FRUITS SHOP~~~~~

\*\*\*\*\* FRUITS AVIALABLE ARE \*\*\*\*\*:

~~~~~

code - item - price(Rs)

10001 - mango - 50

10002 - apple - 150

10003 - guava - 50

10004 - orange - 100

10005 - pomegranate - 100

10006 - black grapes - 80

ENTER THE QUANTITY REQUESTED:

MANGOES :2

APPLES :2

GAUVA :2

ORANGE :2

POMEGRANATE :2

BLACK GRAPES :2

~~~~~your order is~~~~~ :

item - quantity - price

mangoes - 2 - 100

apples - 2 - 300

orange - 2 - 200

gauva - 2 - 100

pomegranate - 2 - 200

black grapes - 2 - 160

~~~~the total price of all fruits is~~~~ : 1060

enter whether you are 'regular customer' or a 'new customer' : 0

1

the discount price is : 318.00

final price of your items is : 742.00

***** !VISIT AGAIN AND GET MORE OFFERS! *****

_____THANK YOU_____

Process exited after 9.228 seconds with return value 0

Press any key to continue . . .

By sai venkatesh