ASSIGNMENT 12-11-2021

NAME   :   UPAS NATH

ROLL NO :   45

BATCH   :   MCA-B (REGULAR) 2021-23

SUBJECT :   ADVANCED DATA STRUCTURES (ASSIGNEMENT)

AMAL JYOTHI COLLEGE OF ENGINEERING, KANJIRAPPALLY

C PROGRAM TO GENERATE A BILL FOR A STORE.

Programcod:-

```c
#include<stdio.h> void
       main()

{
char item[50][50],phno[50][50],cname[50][50]; int
      qty[50],price[50],total_price[50];        int
 n,i,grandtotal=0; printf("\n enter the number of
 items in the cart: "); scanf("%d",&n); printf("\n
 enter customer name: "); scanf("%s",&cname);
printf("\n enter phone no: "); scanf("%s",&phno);

                              for(i=0;i<n;i++)

                              {
printf("\n enter the name of item %d : ",i+1);
 scanf("%s",&item[i]); printf("\n enter the
   unit price : "); scanf("%d",&price[i]);
     printf("\n enter item quantity:  ");
           scanf("%d",&qty[i]);
      total_price[i]=price[i]*qty[i];
       grandtotal+=total_price[i];

                              }
             printf("\n***................................*******......NERAM STORE, KERALA,
                INDIA.....*******.................................................");
 printf("\n\n-----------------------------------------------------------------------------------------------------
                              - ----------------");
         printf("\n customer name: %s     customer phone number: %s ",cname,phno);
printf("\n|_____
_____");
```

```c
printf("\n| SI NO   | Item Name           |   Qty           |   Unit.Price      |      Total ");

printf("\n|_____|_____|_____ |_____|_____");

for(i=0;i<n;i++)
{

printf("\n_____ _____");
printf("\n|   %d            %s            %d              %d              %d |",i+1,item[i],qty[i],price[i],total_price[i]);

printf("\n|_____ _____");
}
printf("\n==================================================================================== ==================================================================");
printf("\n                                                            Grand.Total   %d ",grandtotal);
printf("\n==================================================================================== =================================================================");
printf("\n\n\t Thank You For Visiting Our Store....!");

}
```

OUTPUT

```
Enter customer name: ARUN

Enter the number of items in the cart: 3

Enter phone no: 8075327832

Enter the name of item 1 : JEANS

Enter the unit price : 800

Enter item quantity:  1

Enter the name of item 2 : SHIRT

Enter the unit price : 400

Enter item quantity:  1

Enter the name of item 3 : TSHIRT

Enter the unit price : 300

Enter item quantity:  1

***..................................*******......NERAM STORE, KERALA, INDIA.....*******................................................
=====================================================================================================
| customer name: ARUN     customer phone number: 8075327832                                         |
|                                                                                               ____|
|SI NO     | Item Name       |    Qty        |    Unit.Price     |      Total      |
|_____|_____|_____|_____|_____|
|                                                                                               ____|
|  1              JEANS              1              800              800            |
|                                                                                               ____|
|                                                                                               ____|
|  2              SHIRT              1              400              400            |
|                                                                                               ____|
|                                                                                               ____|
|  3              TSHIRT             1              300              300            |
|                                                                                               ____|
|===================================================================================|
|                                                          Grand.Total   1500       |
|===================================================================================|

        Thank You For Visiting Our Store....!
```