

## C PROGRAMMING ASSESMENT TEST

```
// Food Item Menu
```

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

```
int main()
```

```
{ // name and price of the differnt food
```

```
    printf("-----Menu-----");
```

```
    printf("\n 1.Pizza    price=300rs/pcs");
```

```
    printf("\n 2.Dosa     price=200rs/pcs");
```

```
    printf("\n 3.Sandwich  price=150rs/pcs");
```

```
    printf("\n 4.burger   price=100rs/pcs");
```

```
    printf("\n 5.vadapau   price=50rs/pcs");
```

```
    int price;
```

```
    int qty;
```

```
    int que;
```

```
    int total_amount = 0;
```

```
    // int pizaa = 300;
```

```
    // int Dosa = 200;
```

```
    // int Sandwich = 150;
```

```
    // int Burger = 100;
```

```
    // int vadapau = 50;
```

```
    printf("\n Please Enter your choice : "); // enter choice from user
```

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

```
    //use switch syntax for some condition like enter quantity , price...
```

```
    switch (price)
```

```
{
```

case 1:

```
printf("\n you have selected pizza");  
printf("\n Enter the quantity of pizza : ");  
scanf("%d", &qty);  
printf("\n Amount is : %d ", (qty * 300));  
total_amount += 300 * qty;  
break;
```

case 2:

```
printf("\n you have selected Dosa");  
printf("\n Enter the quantity of Dosa : ");  
scanf("%d", &qty);  
printf("\n Amount is : %d ", (qty * 200));  
total_amount += 200 * qty;  
break;
```

case 3:

```
printf("\n you have selected Sandwich");  
printf("\n Enter the quantity of Sandwich : ");  
scanf("%d", &qty);  
printf("\n Amount is : %d ", (qty * 150));  
total_amount += 150 * qty;  
break;
```

case 4:

```
printf("\n you have selected Burger");  
printf("\n Enter the quantity of Burger : ");  
scanf("%d", &qty);  
printf("\n Amount is : %d ", (qty * 100));  
total_amount += 100 * qty;  
break;
```

case 5:

```

printf("\n you have selected vadapau");
printf("\n Enter the quantity of vadapau : ");
scanf("%d", &qty);
printf("\n Amount is : %d ", (qty * 50));
total_amount += 50 * qty;
break;
default:
    printf("no one any of above");
    break;
}

printf("\n Do you want to more order ? yes/1 or no/0 ?"); // used for other order
scanf("%d", &que);

printf("\n Final Total Amount is = %d", total_amount); // for final price

if (que == 1) // 1 is used for yes and 0 is used for no
{
    printf("\n -----Menu-----");

    printf("\n 1.Pizza    price=300rs/pcs");
    printf("\n 2.Dosa     price=200rs/pcs");
    printf("\n 3.Sandwich  price=150rs/pcs");
    printf("\n 4.burger   price=100rs/pcs");
    printf("\n 5.vadapau   price=50rs/pcs");

    printf("\n Please Enter your choice : ");
    scanf("%d", &price);

```

```
switch (price)
{
case 1:
    printf("\n you have selected pizza");
    printf("\n Enter the quantity of pizza : ");
    scanf("%d", &qty);
    printf("\n Amount is : %d ", (qty * 300));
    total_amount += 300 * qty;

    break;
case 2:
    printf("\n you have selected Dosa");
    printf("\n Enter the quantity of Dosa : ");
    scanf("%d", &qty);
    printf("\n Amount is : %d ", (qty * 200));
    total_amount += 200 * qty;

    break;
case 3:
    printf("\n you have selected Sandwich");
    printf("\n Enter the quantity of Sandwich : ");
    scanf("%d", &qty);
    printf("\n Amount is : %d ", (qty * 150));
    total_amount += 150 * qty;

    break;
case 4:
    printf("\n you have selected Burger");
    printf("\n Enter the quantity of Burger : ");
    scanf("%d", &qty);
    printf("\n Amount is : %d ", (qty * 100));
```

```

        total_amount += 100 * qty;
        break;
case 5:
    printf("\n you have selected vadapau");
    printf("\n Enter the quantity of vadapau : ");
    scanf("%d", &qty);
    printf("\n Amount is : %d ", (qty * 50));
    total_amount += 50 * qty;
    break;
default:
    printf("no one any of above");
    break;
}

printf("\n Final Total Amount is = %d", total_amount); // final bill of two order
}
else if (que == 0)
{
    printf("Thank you !!!!");
}
else
{
    printf("error");
}
printf("\n Do you want to more order ? yes/1 or no/0 ?");
scanf("%d", &que);

if (que == 1)
{

```

```
printf("\n -----Menu-----");
```

```
printf("\n 1.Pizza    price=300rs/pcs");
```

```
printf("\n 2.Dosa     price=200rs/pcs");
```

```
printf("\n 3.Sandwich  price=150rs/pcs");
```

```
printf("\n 4.burger   price=100rs/pcs");
```

```
printf("\n 5.vadapau   price=50rs/pcs");
```

```
printf("\n Please Enter your choice : ");
```

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

```
switch (price)
```

```
{
```

```
case 1:
```

```
    printf("\n you have selected pizza");
```

```
    printf("\n Enter the quantity of pizza : ");
```

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

```
    printf("\n Amount is : %d ", (qty * 300));
```

```
    total_amount += 300 * qty;
```

```
    break;
```

```
case 2:
```

```
    printf("\n you have selected Dosa");
```

```
    printf("\n Enter the quantity of Dosa : ");
```

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

```
    printf("\n Amount is : %d ", (qty * 200));
```

```
    total_amount += 200 * qty;
```

```
    break;
```

```
case 3:
```

```

        printf("\n you have selected Sandwich");
        printf("\n Enter the quantity of Sandwich : ");
        scanf("%d", &qty);
        printf("\n Amount is : %d ", (qty * 150));
        total_amount += 150 * qty;
        break;
case 4:
        printf("\n you have selected Burger");
        printf("\n Enter the quantity of Burger : ");
        scanf("%d", &qty);
        printf("\n Amount is : %d ", (qty * 100));
        total_amount += 100 * qty;
        break;
case 5:
        printf("\n you have selected vadapau");
        printf("\n Enter the quantity of vadapau : ");
        scanf("%d", &qty);
        printf("\n Amount is : %d ", (qty * 50));
        total_amount += 50 * qty;
        break;
default:
        printf("no one any of above");
        break;
}

printf("\n Final Total Amount is = %d", total_amount); // final bill of three order
}
else if (que == 0)
{

```

```
        printf(" \n Thank you !!!!");  
    }  
    else  
    {  
        printf("error");  
    }  
  
    return 0;  
}
```