

Cs 101

Assignment no 3

Student name

Student id

```
#include<iostream>
using namespace std;
main()
{
    int item, quantity, price, bill, choice;
    bill=0;
    char Repeat;
    cout<<"\t\t***** Restaurant by Virtual University *****"<<endl<<endl;
    cout<<"\t\t\t *** Menu ***"<<endl<<endl;
    cout<<"\t\t\tPizza : (Rs. 999)"<<endl;
    cout<<"\t\t\tBurger : (Rs. 250)"<<endl;
    cout<<"\t\t\tSandwich : (Rs. 150)"<<endl;
    cout<<"\t\t\tParatha Roll : (Rs. 200)"<<endl;
    cout<<"Enter 1 for Pizza : (Rs. 999)"<<endl;
    cout<<"Enter 2 for Burger : (Rs. 250)"<<endl;
    cout<<"Enter 3 for Sandwich : (Rs. 150)"<<endl;
    cout<<"Enter 4 for Paratha Roll : (Rs. 200)"<<endl<<endl;
    do
    {
        cout<<"\t\tEnter Item number according to menu : "<<endl;
        cin>>choice;
        cout<<"\t\tEnter quantity of selected food : "<<endl;
        cin>>quantity;
        if(choice==1)
        {
            price = quantity * 999;
```

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    }
    else if(choice==2)
    {
        price = quantity * 250;
    }
    else if(choice==3)
    {
        price = quantity * 150;
    }
    else if(choice==4)
    {
        price = quantity * 200;
    }
    else
    {
        cout<<"Sorry! You can choice from 1 to 4"<<endl;
    }
    bill = bill + price;
    cout<<"\tDo you want to select anyother item ? (y for Yes) : ";
    cin>>Repeat;
}

while(Repeat=='y' || Repeat == 'Y');

float gst= (float) (bill*19)/100;
float total = bill + gst;
float discount=0;
if(total>1000)
{
    discount = total*5/100;
    total = total-discount;
    cout<< "Price of Items : " << bill<<endl;
}

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    cout<< "Amount of GST : " << gst<<endl;
    cout<< "You get the discount of : " << discount<<endl;
    cout<< "Total amount that you pay is : " << total<<endl;
}
}
```