

```
#include <stdio.h>

int main()
{
    //Simple program to calculate bill in a restaurant accounting for number of dishes, servings of each,
    and tax

    int num,z,srv;
    float cst,tax;
    double totalbill;
    totalbill=0.0;
    scanf("Enter number of dishes: %d \n",&num);
    scanf("Enter tax rate: %f \n",&tax);
    for(z=1;z<=num;z++)
    {
        printf("Dish %d \n",z);
        scanf("Enter number of servings: %d \n",&srv);
        scanf("Enter cost of one serving: %f \n",&cst);
        totalbill+=(cst*srv);
    }
    printf("Number of dishes: %d \n",num);
    printf("Cumulative cost: %.2lf \n",totalbill);
    totalbill=totalbill*(100.0+tax)/100.0;
    printf("Taxation rate: %.2f \n",tax);
    printf("Total bill: Rs. %.2lf \n",totalbill);
    return 0;
}
```