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#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;

}

```