#include<stdio.h>

#include<math.h>

#include<stdlib.h>

#include<string.h>

void create();

void cal();

void display();int i=1;

class gst

{

private: int s\_no;

char bill\_no[20];

int date;

char name[20];

int TN\_NO;

char parti[20];

float amt;

float tax;

float totamt;

public:void getdata();

void cal();

void display();

};

void gst::getdata()

{

printf("\*\*\*\*\*\*enter the details\*\*\*\*\*\*\*\n");

printf("enter the serial no, bill\_no, date ,name ,TIN NO, particular, amt\n");

scanf("%d%s%d%s%d%s%f",&s\_no,bill\_no,&date,name,&TN\_NO,parti,&amt);

}

void gst::cal()

{

tax=(amt\*5)/100;

totamt=amt+tax;

//printf("the tax is %fand %f",tax,amt);

}

void gst::display()

{

// int count;

printf("%d %s %d %s %d %s %f %f %f\n",s\_no,bill\_no,date,name,TN\_NO,parti,amt,tax,totamt);

//printf("%d\n",count);

}

int main()

{

gst s[100];

int ch,n;

printf("\*\*\*\*\*\*\*MENU\*\*\*\*\*\*\*\*\*\n");

printf("1.create\n");

printf("2.cal\n");

printf("3.display\n");

printf("4.exit\n");

while(1)

{

printf("enter the choice\n");

scanf("%d",&ch);

switch(ch)

{

case 1: printf("enter the total number\n");

scanf("%d",&n);

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

{

s[i].getdata();

s[i].cal();

}

break;

case 2: printf("SL\_NO BILL\_NO NAME TIN\_NO PARTICULAR AMT TAX TOTALAMT\n");

for(i=1;i<=n;i++)

{ s[i].display();}

break;

case 3:exit(0);

break;

default:printf("invalid input\n");

}

}

}