#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main() {int unit,arreas,total=0,r1=0,r2=0,r3=0,st=0,at=0,a=0;

do {

total=0;r1=0;r2=0;r3=0;st=0;at=0;a=0;

scanf("%d%d",&unit,&arreas);

a=unit;

if(a==0 && arreas==0)

{printf("Thanks! End of Billing Program");

return 0;}

if(unit>200)

{unit=unit-200;

r3=(unit\*15);

r2=100\*10;

r1=100\*5;

printf("Charges on first 100 units:%d\n",r1);

printf("Charges on next 100 units:%d\n",r2);

printf("Charges on next %d units:%d\n",unit,r3);}

else if(unit<=200 && unit>100)

{unit=unit-100;

r3=0;

r2=(unit\*10);

r1=100\*5;

printf("Charges on first 100 units:%d\n",r1);

printf("Charges on next %d units:%d\n",unit,r2);}

else if(unit<=100)

{r3=0;

r2=0;

r1=unit\*5;

printf("Charges:%d\n",r1);}

total=r1+r2+r3;

printf("Total Charges:%d\n",total);

st=(total\*15)/100;

at=(total\*5)/100;

total=total+at+st;

printf("Sales Tax:%d\n",st);

printf("Democracy Tax:%d\n",at);

printf("Total Bill Current Month:%d¯Arrears:%d\n",total,arreas);

total=total+arreas;

printf("Amount Payable Within Due Date:%d\n",total);

total=total+((total\*5)/100);

printf("Amount Payable After Due Date:%d\n",total);

unit=a;

}while(unit!=0 || arreas!=0);

printf("Thanks! End of Billing Program");

/\* Enter your code here. Read input from STDIN. Print output to STDOUT \*/

return 0;

}