/\*

program name:Ah mobile shop

\*/#include<stdio.h>

int main()

{

float amount,discount,extra\_charge,final\_amount;

char payment\_type;

int days;

printf("Enter the total purchase amount:");

scanf("%f",&amount);

printf("Enter the payment type(c for cash/r for credit)");

fflush(stdin);

scanf("%c",&payment\_type);

if (payment\_type=='c'||payment\_type=='c')

{

if (amount>25){

discount=25;

}

final\_amount=amount-discount;

printf("\n---Bill summary----\n");

printf("payment Type cash\n");

printf("Discount:%2f\n",discount);

printf("Final Amount:%2f\n",final\_amount);

}

else if (payment\_type=='r'||payment\_type=="R")

{

printf("Enter number of days taken to pay:");

scanf("%d",&days);

if (days<=7){

discount=amount\*0.15;

final\_amount=amount-discount;

printf("\n---bill Summary---\n");

printf("payment Type :credit(within 7 days)\n");

printf("Discount:%2f\n",discount);

printf("Final Amount:%2f\n",final\_amount);

}

else{

extra\_charge=amount\*0.10;

final\_amount=amount+extra\_charge;

printf("\n--Bill summary---\n");

printf("payment Type:credit(after 7days)\n");

printf("Extra Charge:%2f\n",extra\_charge);

printf("Final Amount:%2f\n",final\_amount);

}

}

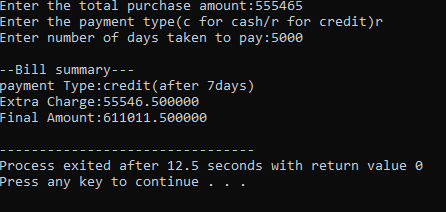
else

printf("Invalid payment type entered\n");

return 0;

}

**Output:**

****