

Q1) WAP to calculate selling price based on cost price and discount.

```
#include<stdio.h>
//question wrong needed profit term to calculate sp
//assumption - profit is zero

float calSellPrice(float costPrice, int discount){
    return (costPrice*discount) / 100;
}

int main(){
    float costPrice;
    int discount;
    int profit = 0;

    printf("Enter cost price of product.\n");
    scanf("%f", &costPrice);
    printf("Enter discount\n");
    scanf("%d", &discount);

    printf("Selling price is %.2f\n", costPrice +
(costPrice*profit)/100 - calSellPrice(costPrice, discount));
    printf("Profit is %d%\n", profit);
    return 0;
}
```

```
Enter cost price of product.
1000
Enter discount
10
Selling price is 900.00
Profit is 0%
```

Q2) WAP to deposit and withdraw amount from account.

```
#include<stdio.h>

float calBalance(float amount){
    int n;
    printf("1. Deposit\n");
    printf("2. Withdraw\n");
    scanf("%d", &n);
}
```

```

    if (n==1)
    {
        int depositAmount;
        printf("Enter amount to deposit\n");
        scanf("%d", &depositAmount);
        amount += depositAmount;
    } else if(n==2) {
        if (amount<3000)
        {
            printf("can't withdraw the amount balance is not
sufficient\n");
            return -1;
        }
        int withDrawAmount;
        printf("Enter amount to withdraw\n");
        scanf("%d", &withDrawAmount);
        if(withDrawAmount<amount){
            amount -= withDrawAmount;
        }
        else printf("can't withdraw the amount balance is not
sufficient\n");
    } else {
        printf("Invalid Choice...!");
        return -1;
    }
    return amount;
}

int main(){
    float amount=5000;

    float res = calBalance(amount);

    if(res!=-1) printf("Net Balance: %.2f\n",res);

    return 0;
}

```

```
Enter amount
5000
1. Deposit
2. Withdraw
2
Enter amount to withdraw
2000
Net Balance: 3000.00
PS D:\Firstbit Solutions\C Programming\Tests\Test 5 27 Dec 2024>
```

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