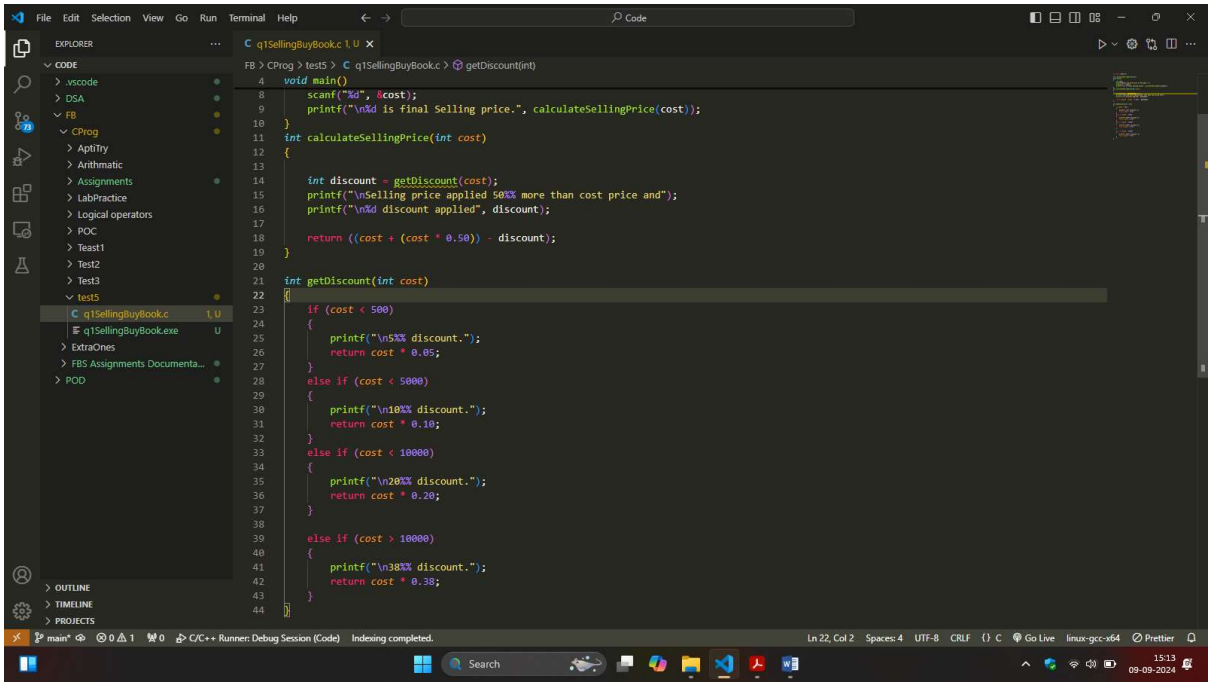
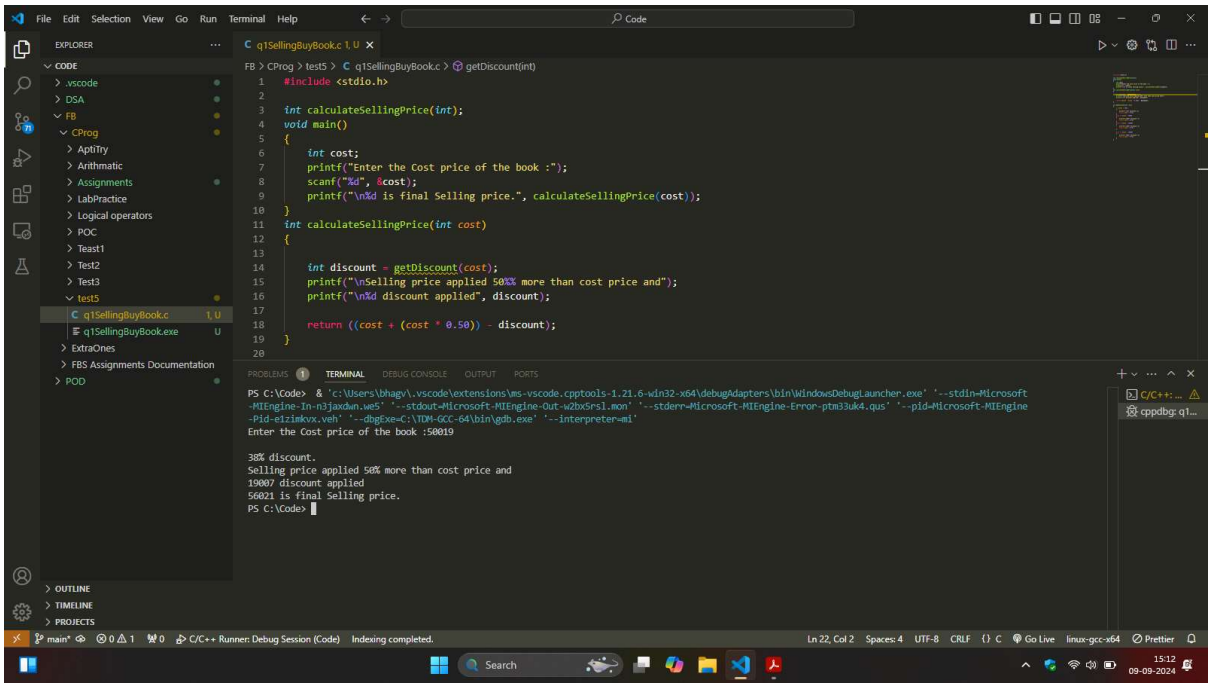
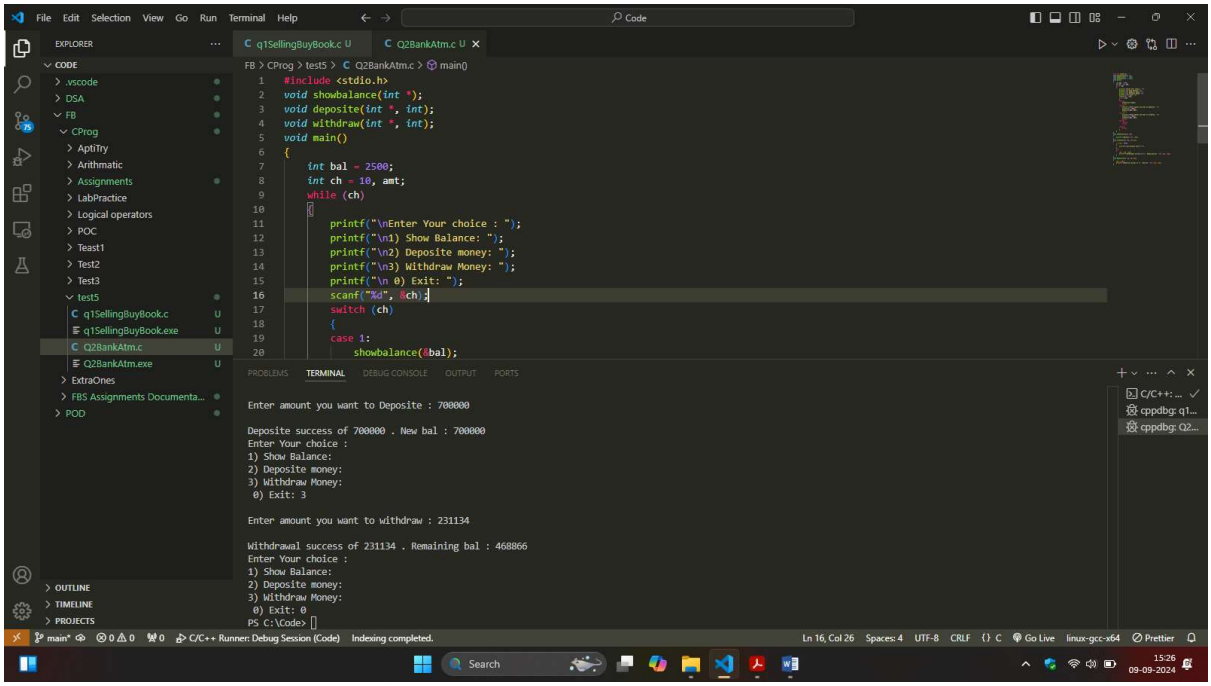


```c
void main()
    scanf("%d", &cost);
    printf("\n%d is final Selling price.", calculateSellingPrice(cost));
}
int calculateSellingPrice(int cost)
{

    int discount = getDiscount(cost);
    printf("\nSelling price applied 50%% more than cost price and");
    printf("\n%d discount applied", discount);

    return ((cost + (cost * 0.50)) - discount);
}

int getDiscount(int cost)
{
    if (cost < 500)
    {
        printf("\n5%% discount.");
        return cost * 0.05;
    }
    else if (cost < 5000)
    {
        printf("\n10%% discount.");
        return cost * 0.10;
    }
    else if (cost < 10000)
    {
        printf("\n20%% discount.");
        return cost * 0.20;
    }

    else if (cost > 10000)
    {
        printf("\n38%% discount.");
        return cost * 0.38;
    }
}
```



```c
#include <stdio.h>

int calculateSellingPrice(int);
void main()
{
    int cost;
    printf("Enter the Cost price of the book :");
    scanf("%d", &cost);
    printf("\n%d is final Selling price.", calculateSellingPrice(cost));
}
int calculateSellingPrice(int cost)
{

    int discount = getDiscount(cost);
    printf("\nSelling price applied 50%% more than cost price and");
    printf("\n%d discount applied", discount);

    return ((cost + (cost * 0.50)) - discount);
}
```

```
PS C:\Code> & 'c:\Users\bhagv\.vscode\extensions\ms-vscode.cpptools-1.21.6-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft
-MIEngine-In-n3jaxdwn.we5' '--stdout=Microsoft-MIEngine-Out-w2bxSrsl.mon' '--stderr=Microsoft-MIEngine-Error-ptm33uk4.qus' '--pid=Microsoft-MIEngine
-Pid-e1zimkvx.veh' '--dbgExe=C:\TDM-GCC-64\bin\gdb.exe' '--interpreter=mi'
Enter the Cost price of the book :50019

38% discount.
Selling price applied 50% more than cost price and
19007 discount applied
56021 is final Selling price.
PS C:\Code>
```




```c
#include <stdio.h>
void showbalance(int *);
void deposite(int *, int);
void withdraw(int *, int);
void main()
{
    int bal = 2500;
    int ch = 10, amt;
    while (ch)
    {
        printf("\nEnter Your choice : ");
        printf("\n1) Show Balance: ");
        printf("\n2) Deposite money: ");
        printf("\n3) Withdraw Money: ");
        printf("\n 0) Exit: ");
        scanf("%d", &ch);
        switch (ch)
        {
        case 1:
            showbalance(&bal);
            break;
        case 2:
            printf("\nEnter amount you want to Deposite : ");
            scanf("%d", &amt);
            deposite(&bal, amt);
            break;
        case 3:
            printf("\nEnter amount you want to withdraw : ");
```

```
            scanf("%d", &amt);
            withdraw(&bal, amt);
            break;
        case 0:
            return;
            break;

        default:
            break;
        }
    }
}
void showbalance(int *ba)
{
    printf("\nBalance: %d", *ba);
}
void withdraw(int *ba, int amt)
{
    if (*ba < 3000)
    {
        printf("\nLow balance broo!!!!");
    }
    else
    {
        *ba = *ba - amt;
        printf("\nWithdrawal success of %d . Remaining bal : %d", amt, *ba);
    }
}
void deposite(int *ba, int amt)
{
    *ba += amt;
    printf("\nDeposite success of %d . New bal : %d", amt, *ba);
}
```

Output : PS C:\Code>  & 'c:\Users\bhagv\.vscode\...\ TDM-GCC-64\bin\gdb.exe' '--interpreter=mi'

Enter Your choice :

1) Show Balance:

2) Deposite money:

3) Withdraw Money:

0) Exit: 1

Balance: 2500

Enter Your choice :

1) Show Balance:

2) Deposite money:

3) Withdraw Money:

0) Exit: 2

Enter amount you want to Deposite : 2500

Deposite success of 2500 . New bal : 5000

Enter Your choice :

1) Show Balance:

2) Deposite money:

3) Withdraw Money:

0) Exit: 3

Enter amount you want to withdraw : 5000

Withdrawal success of 5000 . Remaining bal : 0

Enter Your choice :

1) Show Balance:

2) Deposite money:

3) Withdraw Money:

0) Exit: 3

Enter amount you want to withdraw : 500

Low balance broo!!!!

Enter Your choice :

1) Show Balance:

2) Deposite money:

3) Withdraw Money:

0) Exit: 1

Balance: 0

Enter Your choice :

1) Show Balance:

2) Deposite money:

3) Withdraw Money:

0) Exit: 2

Enter amount you want to Deposite : 700000

Deposite success of 700000 . New bal : 700000

Enter Your choice :

1) Show Balance:

2) Deposite money:

3) Withdraw Money:

0) Exit: 3

Enter amount you want to withdraw : 231134

Withdrawal success of 231134 . Remaining bal : 468866

Enter Your choice :

1) Show Balance:

2) Deposite money:

3) Withdraw Money:

0) Exit: 0

PS C:\Code>