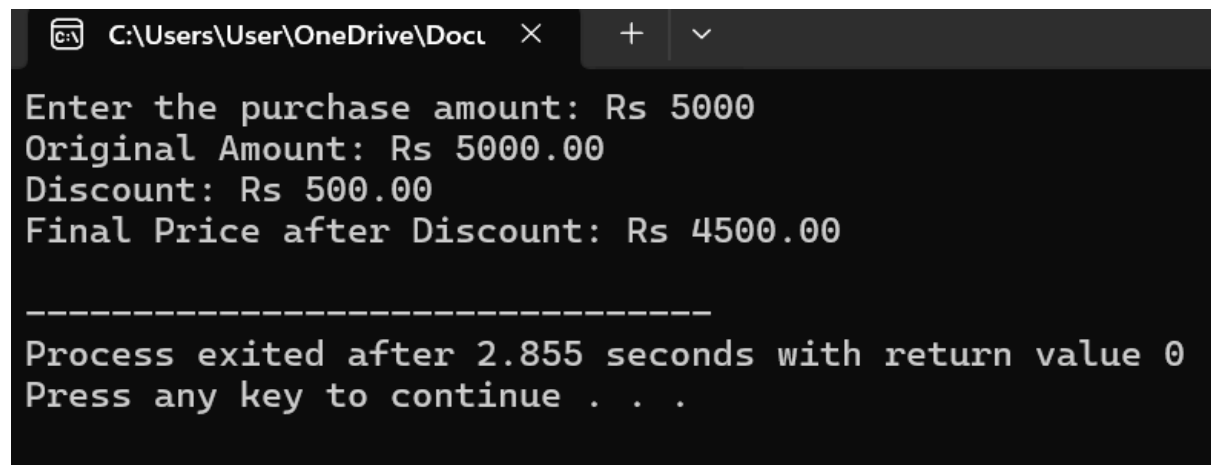


Task 1:

SOURCE CODE :

```
1  #include <stdio.h>
2
3  int main() {
4      float amount, discount , finalPrice;
5
6      printf("Enter the purchase amount: Rs ");
7      scanf("%f", &amount);
8
9      if (amount < 1000) {
10         discount = 0;
11     }
12     else if (amount >= 1000 && amount <= 2000) {
13         discount = amount * 5/100;
14     }
15     else if (amount > 2000) {
16         discount = amount * 10/100;
17     }
18
19     finalPrice = amount - discount;
20
21     printf("Original Amount: Rs %.2f\n", amount);
22     printf("Discount: Rs %.2f\n", discount);
23     printf("Final Price after Discount: Rs %.2f\n", finalPrice);
24
25     return 0;
26 }
```

OUTPUT :



```
C:\Users\User\OneDrive\Docu  X  +  v

Enter the purchase amount: Rs 5000
Original Amount: Rs 5000.00
Discount: Rs 500.00
Final Price after Discount: Rs 4500.00

-----
Process exited after 2.855 seconds with return value 0
Press any key to continue . . .
```

Task 2:

SOURCE CODE :

```
1  #include <stdio.h>
2
3  int main() {
4      int choice;
5      float balance = 10000, amount;
6
7      printf("Enter 1 for Balance:\nEnter 2 for Withdraw:\nEnter 3 for Deposit:\n\n");
8      scanf("%d", &choice);
9
10     switch (choice) {
11         case 1:
12             printf("Balance = Rs %.2f\n", balance);
13             break;
14
15         case 2:
16             printf("Enter amount to withdraw: ");
17             scanf("%f", &amount);
18             balance -= amount;
19             printf("Balance after withdrawal = Rs %.2f\n", balance);
20             break;
21
22         case 3:
23             printf("Enter amount to deposit: ");
24             scanf("%f", &amount);
25             balance += amount;
26             printf("Balance after deposit = Rs %.2f\n", balance);
27             break;
28
29         default:
30             printf("Invalid Option\n");
31     }
32
33     return 0;
34 }
```

OUTPUT :

```
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Enter 1 for Balance:
Enter 2 for Withdraw:
Enter 3 for Deposit:

2
Enter amount to withdraw: 1000
Balance after withdrawal = Rs 9000.00

-----
Process exited after 14.9 seconds with return value 0
Press any key to continue . . .
```