```c
1  |
2
3  #include <stdio.h>
4
5  int main() {
6      int item1_price, item2_price,
              total_price;
7      float discount = 0.0;
8      int has_discount,
              is_eligible_for_free_shipping;
9
10
11     printf("Enter the price of item 1: ");
12     scanf("%d", &item1_price);
13
14     printf("Enter the price of item 2: ");
15     scanf("%d", &item2_price);
16
17     total_price = item1_price +
              item2_price;
18     printf("\nTotal price before discount:
              %d\n", total_price);
19
20
21     if (total_price > 100) {
```

Run

```c
21      if (total_price > 100) {
22          discount = 0.1 * total_price;   //
23          total_price -= discount;        //
24          has_discount = 1;
25      } else {
26          has_discount = 0;
27      }
28  
29  
30  
31      is_eligible_for_free_shipping =
            total_price > 50;
32  
33  
34      printf("\nFinal total after discount
            (if applicable): %.2f\n", (float
            )total_price);
35  
36      if (has_discount) {
37          printf("A discount of %.2f was
                applied.\n", discount);
38      } else {
39          printf("No discount applied.\n");
40      }
41  
```

```c
                (if applicable): %.2f\n", (float
                )total_price);
35  |
36      if (has_discount) {
37          printf("A discount of %.2f was
                    applied.\n", discount);
38      } else {
39          printf("No discount applied.\n");
40      }
41
42      if (is_eligible_for_free_shipping) {
43          printf("Congratulations! You
                    qualify for free shipping.\n"
                    );
44      } else {
45          printf("Shipping charges apply as
                    the total is less than 50.\n"
                    );
46      }
47
48      return 0;
49  }
50
51
52
```

Enter the price of item 1: 250
Enter the price of item 2: 300

Total price before discount: 550

Final total after discount (if applicable): 495
    .00
A discount of 55.00 was applied.
Congratulations! You qualify for free shipping.

=== Code Execution Successful ===