```c
#include <stdio.h>

int main() {
    float celsius, fahrenheit;
    int choice;

    printf("Temperature Conversion Menu:\n");
    printf("1. Celsius to Fahrenheit\n");
    printf("2. Fahrenheit to Celsius\n");
    printf("Enter your choice (1 or 2): ");
    scanf("%d", &choice);

    switch (choice) {
        case 1:
            printf("Enter temperature in Celsius: ");
            scanf("%f", &ce
            fahrenheit = (celsius *
```

Run

```c
                        celsius, fahrenheit
                    );
19                  break;
20
21          case 2:
22              printf("Enter
                        temperature in
                        Fahrenheit: ");
23              scanf("%f", &fahrenheit
                    );
24              celsius = (fahrenheit -
                    32) * 5 / 9;
25              printf("%.2f Fahrenheit
                    = %.2f Celsius\n",
                    fahrenheit, celsius
                    );
26              break;
27
28          default:
29              printf("Invalid
                    choice!\n")
30      }
```

Run

main.c   Output

```
Temperature Conversion Menu:
1. Celsius to Fahrenheit
2. Fahrenheit to Celsius
Enter your choice (1 or 2): 1
Enter temperature in Celsius: 2
2.00 Celsius = 35.60 Fahrenheit


=== Code Execution Successful ===
```