int main()
{
    char ch;
    int ct1, ct2;
    ct1 = ct2 = 0;
    while ((ch = cin.get()) != '$')
    {
        cout << ch;
        ct1++;
        if (ch == '$')
        {
            ct2++;
            cout << ch;
        }
    }
    cout << "ct1 = " << ct1 << ", ct2 = " << ct2 << "\n";
    return 0;
}

Suppose we provide the following input, where ➡️ represents pressing Enter:

Hi!
Send $10 or $20 now!

What is the output? (Recall that input is buffered.)

4: Construct logical expressions to represent the following conditions:

a. weight is greater than or equal to 115 but less than 125.

b. ch is q or Q.

c. x is even but is not 26.

d. x is even but is not a multiple of 26.

e. donation is in the range 1000–2000 or guest is 1.

f. ch is a lowercase letter or an uppercase letter (assume the lowercase