powerLoss

Write a C program that reads the user input on the current and resistance, and displays the power loss of the cable on the screen. The program should first read in a count on the number of times for computing the power loss of a cable. The relevant formula is $P = I^2R$, where P is the power loss in watts, I is the current in amperes and R is the resistance in ohms. No need to check errors on user input.

A sample program template is given below:

```
#include <stdio.h>
int main()
{
  /* Write your code here */
    return 0;
}
```

Sample input and output sessions are given below:

(1) Test Case 1:
Enter the number of times:
1
Enter the current:
12
Enter the resistance:
1.5
The power loss: 216.00

(2) Test Case 2:
Enter the number of times:
2
Enter the current:
5
Enter the resistance:
0.5
The power loss: 12.50
Enter the current:
12
Enter the resistance:
1.5
The power loss: 216.00