

Introduction to Computers and Programming

Homework 7 (Week 9)

Due date: 2020/11/26(Thur.)

Balance on a loan (Rewrite from the midterm)

Write a program that calculates the remaining balance on a loan after the first monthly payments:

Input:

```
Enter amount of loan: 20000.00
Enter interest rate: 6.0
Enter monthly payment: 386.66
```

Output:

```
Balance remaining after first payment: $19713.34
```

You don't need to specify the number of digits after the decimal point.

The program needs to detect illegal input and show up error messages, and ask the user to input again. You should use `try...except` to detect errors.

Input:

```
Enter amount of loan: haha
Error! The input should be numbers.
Enter amount of loan: ...
```

P.S. Name your code to `student_number-hw7.py` when you submit to newE3.