11ˢᵗ week Homework

- Create a user-define class <u>Point</u> that contains the private integer data member xCoordinate and yCoordinate and declares steam insertion and stream extraction overloaded operator function as <u>friends</u> of the class
- Define the stream insertion and stream extraction operator functions. The stream extraction operator function should determine whether the data entered is valid, and, if not, it should set the failbit to indicate improper input. *<u>The stream insertion operator should not be able to display the point after and input error occurred(%%%)</u>*
- Write a <u>main</u> function that tests input and output of user-defined class <u>Point</u>, using the overloaded stream extraction and stream insertion operators.

- in.clear(ios::failbit)
- in.ignore()
- in.peek()
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Assignment:

- The due date of the assignment has been extended to 18:00 o'clock 2017/10/10.
- You can also summit your homework after the deadline, but it will get penalties for your overdue, 20% per day.
- Besides your homework will not be accepted after 12:00 o'clock 2017/11/13

Good luck!