PSP Process Script - with notes

development steps   PSP extra steps

	Purpose:	To guide you in developing small programs.
	Inputs Required	- The problem description - PSP Project Plan Summary form - A copy of the Code Review Checklist - Actual size and time data for previous programs - Time Recording Log - Defect Recording Log
1	Planning	- Obtain a description of the program functions. - Estimate the Max., Min., and total LOC required. - Determine the Minutes/LOC. - Calculate the Max., Min., and total development times. - Enter the plan data in the Project Plan Summary form. - Record the planning time in the Time Recording Log.
2	Design	- Design the program. - Record the design in the specified format. - Record design time in the Time Recording Log.
3	Code	- Implement the design. - Use a standard format for entering the code. - Record coding time in the Time Recording Log.
4	Code review	- Completely review the source code. - Follow the code review script and checklist. - Fix and record every defect found. - Record review time in the Time Recording Log.
5	Compile	- Compile the program. - Fix and record all defects found. - Record compile time in the Time Recording Log.
6	Test	- Test the program. - Fix and record all defects found. - Record testing time in the Time Recording Log.
7	Postmortem	- Complete the Project Plan Summary form with actual time, size, and defect data. - Review the defect data and update the code review checklist. - Record postmortem time in the Time Recording Log.
	Exit Criteria	- A thoroughly tested program - A properly documented design - A completed Code Review Checklist - A complete program listing - A completed Project Plan Summary - Completed time and defect logs

Annotations (right side):
- read and extend the specification
- estimation
- design
- program coding
- review
- test

"compile" phase is included in "code" phase when using an Integrated Development Environment

Design-code-test may be incremental (rather than the sequential process shown here).
Periodic or final code review is still necessary!
Recording time for further design, further coding and refactoring is still done, but in smaler slices.