

PSP0 Process Script

Phase Number	Purpose	To guide you in developing module-level programs
	Entry Criteria	<ul style="list-style-type: none"> - Problem description - Project Plan Summary form - Time and Defect Recording Logs - Defect Type Standard - Stop watch (optional)
1	Planning	<ul style="list-style-type: none"> - Produce or obtain a requirements statement. - Estimate the required development time. - Enter the plan data in the Project Plan Summary form. - Complete the Time Recording Log.
2	Development	<ul style="list-style-type: none"> - Design the program. - Implement the design. - Compile the program and fix and log all defects found. - Test the program and fix and log all defects found. - Complete the Time Recording Log.
3	Postmortem	Complete the Project Plan Summary form with actual time, defect, and size data.
	Exit Criteria	<ul style="list-style-type: none"> - A thoroughly tested program - Completed Project Plan Summary form with estimated and actual data - Completed Defect and Time Recording Logs

PSP0 Planning Script

Phase Number	Purpose	To guide the PSP planning process
	Entry Criteria	<ul style="list-style-type: none"> - Problem description - Project Plan Summary form - Time Recording Log - Defect Type Standard
1	Program Requirements	<ul style="list-style-type: none"> - Produce or obtain a requirements statement for the program. - Ensure the requirements statement is clear and unambiguous. - Resolve any questions.
2	Estimate Resources	- Make your best estimate of the time required to develop this program.
	Exit Criteria	<ul style="list-style-type: none"> - A documented requirements statement - A completed Project Plan Summary form with estimated development time data - Completed Time Recording Log

PSP0 Development Script

Phase Number	Purpose	To guide the development of small programs
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	Entry Criteria	<ul style="list-style-type: none"> - Requirements statement - Project Plan Summary with planned development time - Time and Defect Recording Logs - Defect Type Standard
1	Design	<ul style="list-style-type: none"> - Review the requirements and produce a design to meet them. - Record time in the Time Recording Log.
2	Code	<ul style="list-style-type: none"> - Implement the design. - Record in the Defect Recording Log any requirements or design defects found. - Record time in the Time Recording Log.
3	Compile	<ul style="list-style-type: none"> - Compile the program until error free. - Fix all defects found. - Record defects in the Defect Recording Log. - Record time in the Time Recording Log.
4	Test	<ul style="list-style-type: none"> - Test until all tests run without error. - Fix all defects found. - Record defects in the Defect Recording Log. - Record time in the Time Recording Log.
	Exit Criteria	<ul style="list-style-type: none"> - A thoroughly tested program - Completed Defect Recording Log - Completed Time Recording Log

PSP0 Postmortem Script

Phase Number	Purpose	To guide the postmortem process
	Entry Criteria	<ul style="list-style-type: none"> - Problem description and requirements statement - Project Plan Summary with planned development time - Completed Defect Recording Log - Completed Time Recording Log - A tested and running program
1	Defects Injected	<ul style="list-style-type: none"> - Determine from the Defect Recording Log the number of defects injected in each PSP0 phase. - Enter this number under Defects Injected – Actual on the Project Plan Summary.
2	Defects Removed	<ul style="list-style-type: none"> - Determine from the Defect Recording Log the number of defects removed in each PSP0 phase. - Enter this number under Defects Removed – Actual on the Project Plan Summary.
3	Time	<ul style="list-style-type: none"> - Review the completed Time Recording Log. - Enter the total time spent in each PSP0 phase Actual on the Project Plan Summary.
	Exit Criteria	<ul style="list-style-type: none"> - A fully tested program - Completed Project Plan Summary form - Completed Defect and Time Recording Logs