

**PSP0 Process Script**

<b>Purpose</b>	To guide the development of module-level programs	
<b>Entry Criteria</b>	<ul style="list-style-type: none"> <li>- Problem description</li> <li>- PSP0 Project Plan Summary form</li> <li>- Time and Defect Recording logs</li> <li>- Defect Type standard</li> <li>- Stopwatch (optional)</li> </ul>	
<b>Step</b>	<b>Activities</b>	<b>Description</b>
1	Planning	<ul style="list-style-type: none"> <li>- Produce or obtain a requirements statement.</li> <li>- Estimate the required development time.</li> <li>- Enter the plan data in the Project Plan Summary form.</li> <li>- Complete the Time Recording log.</li> </ul>
2	Development	<ul style="list-style-type: none"> <li>- Design the program.</li> <li>- Implement the design.</li> <li>- Compile the program, and fix and log all defects found.</li> <li>- Test the program, and fix and log all defects found.</li> <li>- Complete the Time Recording log.</li> </ul>
3	Postmortem	Complete the Project Plan Summary form with actual time, defect, and size data.
<b>Exit Criteria</b>	<ul style="list-style-type: none"> <li>- A thoroughly tested program</li> <li>- Completed Project Plan Summary form with estimated and actual data</li> <li>- Completed Time and Defect Recording logs</li> </ul>	

**PSP0 Planning Script**

<b>Purpose</b>	To guide the PSP planning process	
<b>Entry Criteria</b>	<ul style="list-style-type: none"> <li>- Problem description</li> <li>- Project Plan Summary form</li> <li>- Time Recording log</li> </ul>	
<b>Step</b>	<b>Activities</b>	<b>Description</b>
1	Program Requirements	<ul style="list-style-type: none"> <li>- Produce or obtain a requirements statement for the program.</li> <li>- Ensure that the requirements statement is clear and unambiguous.</li> <li>- Resolve any questions.</li> </ul>
2	Resource Estimate	<ul style="list-style-type: none"> <li>- Make your best estimate of the time required to develop this program.</li> <li>- Enter the plan time data in the Project Plan Summary form.</li> </ul>
<b>Exit Criteria</b>	<ul style="list-style-type: none"> <li>- Documented requirements statement</li> <li>- Completed Project Plan Summary form with estimated development time data</li> <li>- Completed Time Recording log</li> </ul>	

**PSP0 Development Script**

<b>Purpose</b>	To guide the development of small programs	
<b>Entry Criteria</b>	<ul style="list-style-type: none"> <li>- Requirements statement</li> <li>- Project Plan Summary form with estimated program development time</li> <li>- Time and Defect Recording logs</li> <li>- Defect Type standard</li> </ul>	
<b>Step</b>	<b>Activities</b>	<b>Description</b>
1	Design	<ul style="list-style-type: none"> <li>- Review the requirements and produce a design to meet them.</li> <li>- Record in the Defect Recording log any requirements defects found.</li> <li>- Record time in the Time Recording log.</li> </ul>
2	Code	<ul style="list-style-type: none"> <li>- Implement the design.</li> <li>- Record in the Defect Recording log any requirements or design defects found.</li> <li>- Record time in the Time Recording log.</li> </ul>
3	Compile	<ul style="list-style-type: none"> <li>- Compile the program until there are no compile errors.</li> <li>- Fix all defects found.</li> <li>- Record defects in the Defect Recording log.</li> <li>- Record time in the Time Recording log.</li> </ul>
4	Test	<ul style="list-style-type: none"> <li>- Test until all tests run without error.</li> <li>- Fix all defects found.</li> <li>- Record defects in the Defect Recording log.</li> <li>- Record time in the Time Recording log.</li> </ul>
<b>Exit Criteria</b>	<ul style="list-style-type: none"> <li>- A thoroughly tested program</li> <li>- Completed Time and Defect Recording logs</li> </ul>	

**PSP0 Postmortem Script**

<b>Purpose</b>	To guide the PSP postmortem process	
<b>Entry Criteria</b>	<ul style="list-style-type: none"> <li>- Problem description and requirements statement</li> <li>- Project Plan Summary form with development time data</li> <li>- Completed Time and Defect Recording logs</li> <li>- A tested and running program</li> </ul>	
<b>Step</b>	<b>Activities</b>	<b>Description</b>
1	Defect Recording	<ul style="list-style-type: none"> <li>- Review the Project Plan Summary to verify that all of the defects found in each phase were recorded.</li> <li>- Using your best recollection, record any omitted defects.</li> </ul>
2	Defect Data Consistency	<ul style="list-style-type: none"> <li>- Check that the data on every defect in the Defect Recording log are accurate and complete.</li> <li>- Verify that the numbers of defects injected and removed per phase are reasonable and correct.</li> <li>- Using your best recollection, correct any missing or incorrect defect data.</li> </ul>
3	Time	<ul style="list-style-type: none"> <li>- Review the completed Time Recording log for errors or omissions.</li> <li>- Using your best recollection, correct any missing or incomplete time data.</li> </ul>
<b>Exit Criteria</b>	<ul style="list-style-type: none"> <li>- A thoroughly tested program</li> <li>- Completed Project Plan Summary form</li> <li>- Completed Time and Defect Recording logs</li> </ul>	