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| Process Script | |
| Purpose | To guide the development of module-level programs |
| Entry Criteria | * Problem description * PSP2.1 Project Plan Summary form * Size Estimating template * Historical size and time data (estimated and actual) * Time and Defect Recording logs * Defect Type, Coding, and Size Counting standards * Stopwatch (optional) |

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| Step | Activities | Description |
| 1 | Planning | * Produce or obtain a requirements statement. * Use the PROBE method to estimate the added and modified size ***and the size prediction* interval** of this program. * Complete the Size Estimating template. * Use the PROBE method to estimate the required development time ***and the time prediction interval***. * Complete a Task Planning template. * Complete a Schedule Planning template. * Enter the plan data in the Project Plan Summary form. * Complete the Time Recording log. |
| 2 | Development | * Design the program. * ***Document the design in the design templates.*** * Review the design, and fix and log all defects found. * Implement the design. * Review the code, and fix and log all defects found. * 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. |

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| Exit Criteria | * A thoroughly tested program * Completed Project Plan Summary form with estimated and actual data * Completed Size Estimating and Task and Schedule Planning templates * ***Completed Design templates*** * Completed Design Review and Code Review checklists * Completed Test Report template * Completed PIP forms * Completed Time and Defect Recording logs |