Programming Exercise 6

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| Criteria | % Value | 1: Unsatisfactory | 2: Less Than Satisfactory | 3: Satisfactory | 4: Good | 5: Excellent |
| **% Scaling** |  | 0% | 65% | 75% | 85% | 100% |
| **Content – 100%** | | | | | | |
| Decompose a complex program into individual tasks by creating flowcharts for isPalindrome() and isPrime() methods. | 60% | Flowcharts not submitted. | Flowcharts attempted, but do not provide correct solutions to either the isPrime or isPalindrome problem. | Flowcharts represents most logical functionality for a correct solution. Standard symbols are used in most cases. | Same criteria as 'Excellent' with only minor omissions. | Flowcharts depict a clear, concise, and complete solution to the palindrome and prime problems. Standard flowchart symbols are used. |
| Use abstraction to model a solution by  creating a flowchart for overall program. | 20% | Flowchart not submitted. | Flowchart fails to use abstraction to represent the isPrime and isPalindrome method calls. | Flowchart uses abstraction to represent the isPrime and isPalindrome method calls, but does not present an entirely correct solution. | Same criteria as 'Excellent' with only minor omissions | Flowchart depicts a clear, concise, and complete solution to the problem. Abstraction is used and details for each process (isPrime and isPalindrome) are absent from this drawing. |
| Quality and specification | 20% | Flowcharts not submitted in correct format (ask instructor) or of poor quality | Same as 'Average' criteria with omission of title and name. | Same as 'Good' criteria with omission of title or name. | Same as 'Excellent' criteria with minor quality issues. | Flowcharts submitted in correct format, title is included for each flowchart. Name and statement of independent work is present on every file. Flowcharts are legible and of professional quality. |