Programming Exercise 7

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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%** | | | | | | |
| Define methods using appropriate Java syntax. | 30.0% | Methods were not written or are incomplete | Both isPrime() and isPalindrome() methods are attempted but contain significant logical or syntactical errors | Both isPrime() and isPalindrome() methods have correct signature and function correctly in at least some cases | Both isPrime() and isPalindrome() methods have correct signature and function correctly in most cases | Both isPrime() and isPalindrome() methods have correct signature and function correctly |
| Utilize methods to develop reusable code that is modular and easy to debug. | 30.0% | Method calls are absent in program | Program shows an attempt to call at least one method | Method calls are present and correct, but calling block of code fails to use return value | *do not use this cell* | Main program calls both methods and correctly utilizes return values |
| Implement a program that provides a correct solution. | 30.0% | Program does not provide correct solution | *do not use this cell* | 'Excellent' criteria attempted, but not correct | *do not use this cell* | Program iterates over the first 100,000 integers, each integer is passed to each method, and integer is displayed ONLY IF it is a palindromic prime |
| Non-technical specification met. | 10.0% | Program is missing both comments and statement of independent work | *do not use this cell* | Excellent criteria partially met | *do not use this cell* | Comments appropriately used, name and statement of own work present, program submitted requested by instructor. Code is well-formatted and self-documenting. |