**Programming Reading Guide** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reading Assignment: Chapter 2 (Objects and Primitive Data), p. 51-116

What the content is about (in your own words):

Key Vocabulary (define):

|  |  |
| --- | --- |
| Object |  |
| Class |  |
| Polymorphism |  |
| Encapsulation |  |
| Abstraction |  |
| Inheritance |  |
| Variable |  |
| Concatenation |  |
| Assignment Statement |  |
| Constant |  |
| Primitive Data |  |
| Parameter |  |
| Literal |  |
| String |  |
| Character |  |
| Unicode character set |  |
| Floating point |  |
| Int |  |
| Double |  |
| Boolean |  |
| Expression |  |
| Operand |  |
| Operator |  |
| Unary operator |  |
| Binary operator |  |
| Initialization |  |
| Instantiation |  |
| Constructor |  |
| New operator |  |
| Dot operator |  |
| Remainder operator |  |
| Import declaration |  |

Key Concepts:

Casting & Data conversion considerations-

1.

2.

3.

Logic diagramming symbols-

\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notable Programming Code:

print-

println-

next-

nextLine-

Reference information:

escape sequences- Figure\_\_\_\_\_\_\_\_\_\_\_\_\_, Page\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

String class methods- Figure\_\_\_\_\_\_\_\_\_\_\_\_\_, Page\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Math class methods- Figure\_\_\_\_\_\_\_\_\_\_\_\_\_, Page\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Int class methods- Figure\_\_\_\_\_\_\_\_\_\_\_\_\_, Page\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Double class methods- Figure\_\_\_\_\_\_\_\_\_\_\_\_\_, Page\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Random class methods- Figure\_\_\_\_\_\_\_\_\_\_\_\_\_, Page\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Scanner class methods- Figure\_\_\_\_\_\_\_\_\_\_\_\_\_, Page\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Operator precedence- Figure\_\_\_\_\_\_\_\_\_\_\_\_\_, Page\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Assignments:

Multiple Choice: 2.1, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10

True/False: 2.1, 2.2, 2.3, 2.4, 2.8

Short Answer: 2.2, 2.3, 2.4, 2.6, 2.9, 2.10

Projects: 2.2, 2.3, 2.5, 2.6, 2.7, 2.14

AP Style Multiple Choice: 2.3