1. The start of a JS multi line comment (section 1) (the header block).

2. Tells the name of the author of the code.

3. gives what version the code is on.

4. gives a couple word summary as to what the code does, along with the date created.

5. @todo allows you to create a todo list so you know where you left out.

6. ends the JS multi line comment (header block).

7. spacer between the header block and the pragmas.

8. The first pragma, makes sure intellij doesn’t allow us to make bad coding habits.

9. The second pragma, calls readline-sync so we can get user input.

10. spacing between the pragmas and the global variables/const.

11. Initializes the continueResponse variable (Boolean variable).

12. Initializes the Global variables (currentMonth, currentGrade, currentclassroom, upperTuition)

Lines 13 - 16. Initializes and declares the global constants (MAX\_GRADE, MAX\_MONTH, MAX\_CLASSROOM, KDG\_TUITION).

17. Space separating section 2 and the main method.

18. Dispatcher method (main).

19. “process.stdout.write(‘\x1Bc’);” clears the screen, and the “//clears the screen” is a single line comment.

20. Calls the setContinueResponse mutator method.

21. Creates a while loop that runs if continue response is equal to 1.

22. Calls the setCurrentMonth method.

23. Calls the setCurrentGrade method.

24. Calls the setCurrentGrade method.

25. Calls the processPaymentCoupons method.

26. Calls the setContinueResponse method again.

27. Creates a for loop that runs 3 times.

28. Calls the printGoodbye method.

29. End the block of code for the for loop (code runs sequentially inside).

30. End the block of code for the while loop (code runs sequentially inside).

31. Ends the block of code for the dispatcher (code runs sequentially inside).

32. Space between the dispatcher method and the call to the dispatcher.

33. Calls the dispatcher method.

34. Space between the call to the main and the setContinueResponse mutator Method.

35. setContinueResponse mutator method begins.

36. Start of an If statement that checks if continueResponse does not equal null (if statement).

37. Assigns continueResponse to -1.

38. Start of a while loop that runs when continue response is anything besides 1 and 0 (sanitization).

39. Assigns continueResponse to a number that the user inputs to show they would like to continue or not. (Fake boolean).

40. End of the while loop code block.

41. Start of an else statement that goes along with line 36.

42. Assigns continueResponse to 1.

43. End of the else code block.

44. End of the Mutator Method setContinueResponse.

45. Space between setContinueResponse method and the setCurrentMonth mutator method.

46. Start of the setCurrentMonth mutator method.

47. Start of an if statement that runs if currentMonth is not null and it is less than or equal to MAX\_MONTH(9).

48. Adds 1 to currentMonth (currentMonth = currentMonth + 1).

49. End of the If statement and start of and else statement that goes along with the if statement.

50. Assigns currentMonth to 1.

51. Ends the else statements block of code.

52. Ends the mutator method setCurrentMonth’s block of code.

53. Space between the setCurrentMonth and the mutator method setCurrentGrade.

54. Start of the setCurrentGrade mutator method.

55. Start of an if statement that runs if currentGrade isn’t null, and current grade is less than or equal to MAX\_GRADE (8) AND a single line comment to a link explaining null vs. undefined.

56. Adds 1 to currentGrade (currentGrade = currentGrade + 1).

57. End of the if statement and start of the else statement that goes along with it.

58. Assigns currentGrade to 0.

59. Ends the Else code block.

60. Ends the setCurrentGrade code Block.

61. Space between setCurrentGrade and the mutator method setCurrentClassroom.

62. Start of the setCurrentClassroom method.

63. Start of an if statement that runs if currentClassroom has a value and is less than or equal to MAX\_CLASSROOM(3).

65. Ends the if statement block of code and starts the else statement that goes along with it.

66. Assigns currentClassroom to 1.

67. Ends the else statement block of code.

68. Ends the mutator method setCurrentClassroom.

69. Space between setCurrentClassroom and the mutator method setUpperTuition.

70. Start of the setUpperTuition mutator method.

71. Declares and initiates a constant called BASE\_TUITION to 60.

72. Assigns upperTuition to BASE\_TUITION times currentGrade.

73. Ends the setUpperTuition mutator method block of code.

74. Space between setUpperTuition and the worker method processPaymentCoupons.

75. Start of the processPaymentCoupons worker method.

76. Start of a while loop that runs while currentGrade is less than or equal to MAX\_GRADE(8).

77. Start of a nested while loop that runs while currentClassroom is less than or equal to MAX\_CLASSROOM(3).

78. Start of a nested while loop that runs while currentMonth is less than or equal to MAX\_MONTH(9).

79. Start of an if statement that runs while currentGrade is equal to 0.

80. Prints off to the user: the tuition for month: (currentMonth), for classroom: (currentClassroom), of grade: (currentGrade) is: $(upperTuition).

81. End of the if code block, and start of the else statement that goes along with it.

82. Calls setUpperTuition mutator method.

83. Prints off to the user: The tuition for month: (currentMonth), for classroom: (currentClassroom), of grade: (currentGrade), is: $(upperTuition).

84. End of the else code block.

85. Calls setCurrentMonth mutator method.

86. Ends the inside nested while loop (Line 78) code block.

87. Calls setCurrentClassroom mutator method.

88. Calls setCurrentMonth mutator method.

89. Ends the middle nested while loop (Line 77) code block.

90. Calls setCurrentGrade mutator method.

91. Calls setCurrentClassroom mutator method.

92. Ends the first while loop (line 76) code block.

93. Ends the worker method processPaymentCoupons code block.

94. Space between processPaymentCoupons and worker method printGoodbye..

95. Start of the printGoodbye worker method.

96. Prints out to the user “Goodbye”.

97. Ends the printGoodbye method code block.