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Introduction to Java Programming

1. Self-Check 1.6: legalIdentifiers
2. Self-Check 1.7: outputSyntax
3. Self-Check 1.16: withoutPrintStatements
4. Self-Check 1.18: MyProgram-errors
5. Self-Check 1.19: SecretMessage-errors
6. Self-Check 1.21: methodHeaderSyntax
7. Self-Check 2.1: legalIntLiterals
8. Self-Check 2.2: expressions1
9. Self-Check 2.3: expressions2
10. Self-Check 2.4: expressions3
11. Self-Check 2.5: declareRealNumberSyntax
12. Self-Check 2.9: Oops2-errors
13. Self-Check 2.11: values of A,B,C
14. Self-Check 2.12: firstSecond
15. Self-Check 2.13: firstSecond2
16. Self-Check 2.14: valuesOfIJK
17. Self-Check 2.15: maxMin
18. Self-Check 3.23: scannerTokensDouble
19. Self-Check 3.24: promptMultiplyBy2

Decisions

1. Exercise 3.22: CollegeAdmit
2. Self-Check 4.2: logicExpressions1
3. Self-Check 4.7: evenOdd
4. Self-Check 4.3: ifStatementSyntax
5. Self-Check 4.5: ifElseMystery1
6. Self-Check 4.6: ifElseMystery2
7. Self-Check 5.14: logicExpressions2

Loops

1. BJP3 Exercise 1.16: Shining
2. Self-Check 2.20: completeLoop (hard)
3. Self-Check 2.18: Count2
4. Self-Check 2.21: oddStuff
5. Self-Check 2.22: numberTotal (hard)
6. Self-Check 2.24: howManyLines
7. Self-Check 2.25: blastOff
8. Self-Check 3.25: SumNumbers
9. Exercise 4.1: fractionSum
10. Self-Check 3.26: RobertPaulson
11. Exercise 3.1: printNumbers
12. Exercise 3.2: printPowersOf2
13. Exercise 3.3: printPowersOfN
14. Self-Check 2.26: multiplication (nested - hard)
15. Self-Check 2.29: starExclamation2 (nested - hard)
16. Self-Check 2.30: starExclamation3 (nested - hard)
17. Exercise 2.2: loopSquares (use *)
18. Exercise 2.4: starSquare (use nested loops)

19. Exercise 2.5: starTriangle (nested)
20. Exercise 2.6: numberTriangle (nested)
21. Exercise 2.12: nestedNumbers (nested)
22. Exercise 2.13: nestedNumbers2 (nested)
23. Exercise 2.14: nestedNumbers3 (nested)

While Loops

1. Self-Check 5.1: whileLoops
2. Self-Check 5.3: whileLoopMystery1
3. Self-Check 5.4: whileLoopMystery2
4. Self-Check 5.20: whileLoopMystery3
5. Exercise 5.18: digitSum
6. Exercise 5.19: firstDigit

Strings

1. Self-Check 3.18: jamesTKirk

Functions

1. Exercise 4.13: average
2. Self-Check 1.22: Tricky
3. Self-Check 3.1: methodHeaderSyntax
4. Self-Check 1.23: Strange
5. Self-Check 1.24: Strange2
6. Self-Check 1.25: Strange3
7. Self-Check 3.2: MysteryNums
8. Self-Check 3.4: Odds
9. Self-Check 3.5: Weird
10. Self-Check 4.15: sumTo
11. Self-Check 3.7: parameterMysteryWho
12. Self-Check 3.8: parameterMysteryTouch

13. Self-Check 3.9: parameterMysterySoda
14. Self-Check 3.10: printStrings
15. Self-Check 3.12: Temperature-errors
16. Self-Check 3.17: countQuarter
17. Self-Check 3.16: min
18. Exercise 3.6: largerAbsVal
19. Exercise 3.7: largestAbsVal
20. Self-Check 1.26: Confusing
21. Self-Check 1.27: Confusing2
22. Self-Check 1.28: Confusing3
23. Self-Check 1.29: LotsOfErrors-errors
24. Exercise 3.9: lastDigit
25. Exercise 3.10: area
26. Exercise 3.11: distance
27. Exercise 3.13: pay
28. Exercise 3.14: cylinderSurfaceArea
29. Exercise 3.15: sphereVolume
30. Exercise 3.17: padString
31. Exercise 3.18: vertical
32. Exercise 3.19: printReverse
33. Exercise 3.20: inputBirthday
34. Exercise 3.21: processName
35. Self-Check 4.4: Oops4-errors
36. Exercise 4.2: repl
37. Exercise 4.3: season
38. Exercise 4.4: daysInMonth
39. Exercise 4.5: pow
40. Exercise 4.6: printRange
41. Exercise 4.8: smallestLargest
42. Exercise 4.9: evenSumMax
43. Exercise 4.12: printTriangleType
44. Exercise 4.18: wordCount
45. Exercise 4.19: quadrant

46. Exercise 4.20: numUnique
47. Self-Check 5.12: printLetters
48. Exercise 5.9: printFactors
49. Exercise 5.12: printAverage
50. Exercise 5.15: dominant

Random Numbers

1. Self-Check 5.5: randomRangeABCDE
2. Exercise 5.4: randomX
3. Exercise 5.6: makeGuesses
4. Exercise 5.7: diceSum
5. Exercise 5.8: randomWalk

Arrays

1. Self-Check 7.1: arrayDeclarationSyntax
2. Self-Check 7.6: dataArray
3. Self-Check 7.8: arrayDeclarationSyntax2
4. Self-Check 7.10: max (start with heading : public int max(int b[])
5. Self-Check 7.14: arrayCodeTracing2
6. Self-Check 7.15: printBackwards
7. Self-Check 7.21: swapPairs
8. Self-Check 7.23: arrayMystery4
9. Self-Check 7.28: arrayMystery5
10. Self-Check 7.29: averageLength
11. Self-Check 7.30: isPalindrome
12. Exercise 7.1: lastIndexOf
13. Exercise 7.2: range
14. Exercise 7.3: countInRange
15. Exercise 7.4: isSorted
16. Exercise 7.9: minGap

17. Exercise 7.10: percentEven
18. Exercise 7.16: append

ArrayLists

1. Self-Check 10.2: ArrayListSyntax
2. Self-Check 10.8: maxLength
3. Exercise 10.2: swapPairs
4. Exercise 10.3: removeEvenLength
5. Exercise 10.4: doubleList
6. Exercise 10.6: minToFront
7. Exercise 10.7: removeDuplicates
8. Exercise 10.14: removeShorterStrings
9. Exercise 10.15: filterRange

Need to add recursion ****

AP Review

1. Self-Check 2.31: Count2
2. Self-Check 2.32: unknown
3. Exercise 2.2: loopSquares
4. Exercise 2.3: fibonacci
5. Self-Check 3.6: parameterMysteryNumbers
5. Self-Check 3.14: parameterMysteryReturn
6. Exercise 3.8: quadratic
7. Exercise 3.12: scientific
8. Exercise 4.16: printPalindrome
9. Exercise 5.1: showTwos
10. Exercise 5.11: threeHeads
11. Exercise 5.13: consecutive
12. Exercise 5.14: hasMidpoint
13. Exercise 5.22: allDigitsOdd
14. Exercise 5.23: hasAnOddDigit
15. Self-Check 7.17: allLess
16. Exercise 7.5: mode
17. Exercise 7.11: isUnique
18. Exercise 7.12: priceIsRight
19. Self-Check 10.15: ArrayListMystery1
20. Self-Check 10.16: ArrayListMystery2

21. Self-Check 10.17: ArrayListMystery3
22. Self-Check 10.18: ArrayListMystery4
23. Exercise 10.10: removeInRange
24. Exercise 10.12: markLength4