

_____ 20 Boolean and integer variables and conditionals

_____ 5 `Ordered.java` compiles successfully

_____ 5 correct output to the commands `java Ordered 10 17 49`, `java Ordered 49 17 10`, and `java Ordered 10 49 17`

_____ 5 correct output to `java Ordered a b c` for varying a , b , and c

_____ 5 style issues (good comments, meaningful variable names, appropriate indentation, etc.)

_____ 20 Type conversion

_____ 5 `RGBtoCMYK.java` compiles successfully

_____ 5 correct output to the commands `java RGBtoCMYK 75 0 130` and `java RGBtoCMYK 0 0 0`

_____ 5 correct output to `java RGBtoCMYK r g b` for varying r , g , and b

_____ 5 style issues (good comments, meaningful variable names, appropriate indentation, etc.)

_____ 20 Checkerboard

_____ 5 `Checkerboard.java` compiles successfully

_____ 5 correct output to the commands `java Checkerboard 4` and `java Checkerboard 5`

_____ 5 correct output to the commands `java Checkerboard n` for varying n

_____ 5 style issues (good comments, meaningful variable names, appropriate indentation, etc.)

_____ 20 A drunkard's walk (a)

_____ 5 `RandomWalker.java` compiles successfully

_____ 5 correct output to the commands `java RandomWalker 10` and `java RandomWalker 20`

_____ 5 correct output to the command `java RandomWalker n` for varying n

_____ 5 style issues (good comments, meaningful variable names, appropriate indentation, etc.)

_____ 20 A drunkard's walk (b)

_____ 5 `RandomWalkers.java` compiles successfully

_____ 5 correct output to the commands `java RandomWalkers n t` for varying n and t

_____ 5 correct hypothesis on how the mean squared distance grows as a function of n

_____ 5 style issues (good comments, meaningful variable names, appropriate indentation, etc.)

_____ **TOTAL**