

Start here

Unit 4, Decisions and Loops in Java. Computer Programming I, Digital Technology cluster.

What you were sent

68 documents. Every one is complete on its own and opens in Word.

Folder	Files	What it is
Teacher	32	A plan per lesson, a substitute one pager per lesson, the unit overview, the course scope and sequence
Student	34	One file per handout
Index	1	Every file, copies needed, paper stock

How the names work

CP1_U04_L03a_HANDOUT_Error-Message-Lab.docx

Course, unit, lesson, what it is, what it is called. Alphabetical order is teaching order. The same code prints in every footer.

Files ending _SUPPORT carry more structure. Files ending _STRETCH ask for more judgment. Available for: And Or Not, The Pattern Engine, Three Parts One Line, Why Equals Lies.

Files with SUB- in the name are one page substitute plans.

Before day one

Read the teacher preparation notes in the unit overview.

What to copy, and when

Handout	Use with	Pages	Copies
Computer Programming I	Keep all year	24	1 per student, keep all year

Handout	Use with	Pages	Copies
Unit 4 Student Guide	Keep all year	14	1 per student, keep all year
Condition and Loop Card	Keep all year	6	1 per pair, laminate
Sentence Frames for Explaining a Loop	Keep all year	4	1 per pair, laminate
Braces, Not Indentation	Lesson 1	8	1 per student
True or False, and Nothing Else	Lesson 2	8	1 per student
Chains That Test in Order	Lesson 3	8	1 per student
Why == Lies	Lesson 4	10	1 per student
String Comparison Card	Lesson 4	3	1 per pair, laminate
And, Or, Not	Lesson 5	8	1 per student
Truth Table Card	Lesson 5	3	1 per pair, laminate
Unit 4 Mid-Unit Checkpoint	Lesson 6	8	1 per student, print same day
The Menu That Switches	Lesson 7	10	1 per student
Repeat Until Something Changes	Lesson 8	8	1 per student
Three Parts On One Line	Lesson 9	8	1 per student
Loop Patterns Card	Lesson 9	4	1 per pair, laminate
Count It, Total It, Ask Again	Lesson 10	10	1 per student
Rows and Columns	Lesson 11	8	1 per student
Nested Loop Trace Table	Lesson 11	4	1 per student
Draw It Exactly	Lesson 12	8	1 per student

Handout	Use with	Pages	Copies
The Loop That Runs the Business	Lesson 13	8	1 per student
The Pattern Engine	Lesson 14	14	1 per student, staple
Target Output Sheet	Lesson 14	4	1 per student
Line By Line Check	Lesson 14	6	1 per student
Pattern Engine Rubric	Lesson 14	5	1 per pair, laminate
Unit 4 Self-Assessment and Reflection	Lesson 15	10	1 per student

Fonts

IBM Plex Sans and IBM Plex Mono, both embedded. Code is set in the monospace face everywhere it appears.

Edition

Edition 2026.1. Aligned to the Maryland CTE course standards adopted by the State Board in September 2025.