

Start here

Unit 10, Programs That Do Not Crash. Computer Programming I, Digital Technology cluster.

What you were sent

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

Folder	Files	What it is
Teacher	26	A plan per lesson, a substitute one pager per lesson, the unit overview, the course scope and sequence
Student	26	One file per handout
Index	1	Every file, copies needed, paper stock

How the names work

CP1_U10_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: Checked vs Unchecked, Custom Exception Design, Hostile User.

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 10 Student Guide	Keep all year	16	1 per student, keep all year
Exception Family Tree Card	Keep all year	4	1 per pair, laminate
Exception Message Quality Card	Keep all year	3	1 per pair, laminate
Sentence Frames for Talking About Errors	Keep all year	4	1 per pair, laminate
Anatomy of a Crash	Lesson 1	8	1 per student
Python to Java: The Same Idea, New Words	Lesson 1	6	1 per student
Checked or Unchecked	Lesson 2	8	1 per student
Building the Family Tree	Lesson 3	8	1 per student
Catch Order Lab	Lesson 4	8	1 per student
Unit 10 Mid-Unit Checkpoint	Lesson 5	8	1 per student, print same day
finally and the Promise It Keeps	Lesson 6	8	1 per student
Writing a Validation Routine	Lesson 7	10	1 per student
Designing an Exception	Lesson 8	8	1 per student
throw, throws and the Caller	Lesson 9	10	1 per student
What a Crash Costs	Lesson 10	8	1 per student
The Program That Survives a Hostile User	Lesson 11	14	1 per student, staple
Break Log	Lesson 11	6	1 per student
Hostile User Protocol Card	Lesson 11	4	1 per pair, laminate

Handout	Use with	Pages	Copies
Unit 10 Self-Assessment and Reflection	Lesson 12	6	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.