Henry Forst

Week 8

10/24/2025

<div align="center">Pseudo Code</div>

Start

Make an empty dictionary called courses

Repeat Forever if True

    Ask the user "Enter a course ID or 'done' to be finished:"

    If user enters 'done'

        Exit forever loop

    Ask the user to "Enter a course name"

    Keep the course name in the dictionary

End repeat

Ask user to "Enter a subject such as 'COS':"

Set found = False

Show "Course for subject {subject}"

For both (course_id, course_name) in the courses dictionary

    If course_id starts with subject

        Show course_id and course_name

        Set found = True

    End If

End For

If found still = False

        Show "No courses found for the subject entered."

End If

End