Lesson 1: Week 8 - Overview

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Week 8 Tuesday To Do List

Week 8 Tuesday To Do ListAdmin/TipsFinal Exam scheduled Wednesday 21 August 2024. The exact time slot (morning or afternoon) and location will be known closer to the exam date.Quiz 5 worth 4 marks is due Week 8 Thursday @ 9pmAssignment 2 worth 13 marks is due Week 11 Monday @ 10amContentWeek 8 Notes 10 K-means clusteringnamedtuple from collectionsmath.hypot()subplot() from matplotlib.pyplot moduleWeek 8 Notes 11 The Tower and Marbles PuzzleThe tower and marbles puzzle - n levels and m marblesParticular Case m = 2random.randint() functiondict.fromkeys() methodGeneral caseList comprehensionNicely display a rectangle - string formattingDiscuss Assignment 2Briefly describe second exampleDiscuss Quiz 5Note that what is recorded in the grid are not only 0s and 1s. Values up to dim are recorded.Useful Linksmath.hypot() Methodhttps://www.w3schools.com/python/ref_math_hypot.aspsubplot() from matplotlib.pyplot modulehttps://www.w3schools.com/python/matplotlib_subplot.asp

Week 8 Thursday To Do List

Week 8 Thursday To Do ListAdmin/TipsQuiz 6 worth 4 marks will be released today @ 7.15pmQuiz 5 worth 4 marks is due today @ 9pmAssignment 2 worth 13 marks is due Week 11 Monday 5/8/24 @ 10amContent Extra notes that will not be discussed released (see bottom of Ed Lessons)Week 8 Notes 12 The Game of Lifenumpy moduleComprehensive List vs Non-Comprehensive ListSolve Sample Exam Question 1Discuss Assignment 2Discuss Quiz 6Useful LinksUsing 2D arrays/lists the right way in Pythonhttps://www.geeksforgeeks.org/python-using-2d-arrays-lists-the-right-way/NumPy Tutorialhttps://www.w3schools.com/python/numpy/default.asp