

Assignment 1

1. Describe how to do an efficient random grouping for this course or do the roll calling randomly?
2. Describe how to prepare a portable Python programming system for Windows 10 64bit system to allow one the maintain CMSiMDE website, Pelican blog and Reveal.js presentation on Github?
3. What do you need to know from <http://www.coppeliarobotics.com/helpFiles/index.html> to implement a four-wheeled robot?

網址: <https://github.com/mdecourse/cd2020/issues/12>

如何達到亂數分組的功能

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● 亂數分組.py - Scit
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1 亂數分組.py
#列表隨機分組
from random import shuffle
list = ["1", "2", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22"]
shuffle(list) #重排序
n = 4 #分組個數
m = int(len(list)/n)
list2 = []
- for i in range(0, len(list), m):
    list2.append(list[i:i+m])
print(list2)

>y:\py373\pythonw -u "亂數分組.py"
[[1, '2', '25', '8', '3', '27', '31', '11', '24', '30', '7', '22'], [36, '4', '18', '21', '37', '13', '9', '28', '20', '14', '1
>Exit code: 0
>y:\py373\pythonw -u "亂數分組.py"
[[26, '23', '2', '12', '34', '7', '19', '10', '8'], [21, '37', '35', '27', '31', '20', '17', '30', '14'], [3, '22', '29', '1
>Exit code: 0
>y:\py373\pythonw -u "亂數分組.py"
[[38, '36', '34', '22', '11', '21', '28', '20', '7'], [30, '26', '4', '18', '1', '29', '13', '10', '9'], [37, '33', '14', '1
>Exit code: 0
>y:\py373\pythonw -u "亂數分組.py"
[[19, '12', '3', '19', '9', '11', '10', '20', '4'], [29, '33', '28', '21', '16', '26', '1', '31', '32'], [7, '22', '15', '21
>Exit code: 0
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