

CSE 205: Programming with Python

Project 3 - Game Design

You are a new employee for Game Design Ltd. The CEO has hired you and your team to design a new game concept. Come up with some coding to present to an audience of other company directors. You will be expected to create a poster and a PPT to show the audience.

Submission Details:

1. Python (.py) file
2. Poster for exhibition (A3 paper)
3. Presentation slides (in PDF format)
4. Other documents (if have)
5. Submit to Ms. May via DingTalk

**** Everything must be submitted before **January 8th**

Milestones

Group Leader: _____

Item	Date	Person Responsible	Checked by teacher
Project description and Plan (piazza)			
Codes			
Poster			
Presentation Slides			

- Presentations: January 4-8th, 2021

For the Python program(10pt):

- Use for loop (1pt)
- Use while loop (1pt)
- Use list(1pt)
- Use if statement (1pt)
- Use random (1pt)
- Have graphic view (1pt)
- Project is well organized(2pt)
- Creative and enjoyable (2pt)

Please remember, a well-organized program means:

- Use good project naming for your file. It should relate to your project. Topic is gaming. Project can be: "RockPaperScissors.py"
- Make good use of white space and comments, and program description.
- For good example, please check out: <https://stackabuse.com/commenting-python-code/>
- Variables names meaningful. (Bad: x = 3, y = "John"; Good: numCount = 3, name = "John")
- Have clear instructions for user to follow.

For the Poster (10pt):

- Chinese and English name, course name, A3 paper (2pt)
- Have code (1pt)
- Have clear explanation about the game (2pt)
- Have execution example (2pt)
- Have explanation about your creative idea (2pt)
- Clean and good looking (1pt)

For the presentation (10pt):

- PPT quality (i.e. good use of pictures, colors, pleasing to the eye, etc.) (2pt)
- Well-rehearsed with smooth delivery (2pt)
- Time well organized in 8-10 mins (2pt)
- Clear explanation about the creative idea and the game (2pt)
- Interaction with the audiences (2pt)

Bonus(5pt):

To what extent have you gone above and beyond the requirements of the project? Your program contains extra effort and "wow".