Project-Based Learning - PYTHON Weekly Journals_Dickson

[Introduction]

NAME: <Dickson Lim Jun Wei>

CLASS: <Pn2004K>

GROUP NAME: <PythonKings>

GROUP MEMBERS: <Dickson Lim Jun Wei>

: <Abigail Lim Bi Fen>

: <Muhammad Ilyas>

TITLE: PYTHON Project

DESCRIPTION: <Show the countries of visitors in the region(Asia-Pacific region) during 2000 to 2010>

[ITE Pedagogical Model - PEPP]

[PLAN Stage] -formed a team and create VCS repositoru

-researched possible tools/solutions

-Split workloads amongst members

-Refer to old Python codes and assignments. [EXPLORE Stage] -verified the findings and requirements -created flowchat for the project - How to implement PANDAs into this project

-Researched on DataFrame and iloc command   [PRACTICE Stage] -implementation using PYTHON - user testing

-Practicing using the codes we learn in class

 [PERFORM Stage] -presentation (SWAY)

-Explain how my coding work

Weekly Journal - **Explain how you prepare for the Project**

Weekly Journal - Explain how you prepare for the project (from 13 Jan 2021)

This section is to record the weekly journal for preparation. There are three sections and you may use the journal guide questions to fill up each section, appropriately.

[Tasks done for preparation]

- Completed DataCamp - Introduction to Python course

- Completed DataCamp - Web Scraping course

- Research on new commands that we need to use. eg 'panda' and 'iloc'

- Reference DataFrame with selected columns

[Journal Entry Template]

Section A: What I think I have done well?

What I think I have done well was understanding PANDAs and then implementing it to my project.

Section B: Where do I think I need to improve?

Time management

Section C: What have I learn in this week?

I learnt when to put the correct coding when I need to, as Datacamp guide me through the process.

Weekly Journal - PLAN STAGE (P-E-P-P)

Weekly Journal - PLAN STAGE (8-14 Feb)

Use this section to talk about what planning are needed for your project. Add content to show your work. Use text and captions to fill in details. If you've uploaded a video to YouTube, then pull that in as well.

[Tasks done for this week]

-formed a team and create repository

-researched possible tools/solutions

-Split workloads amongst members

-Went through DataCamp again to further understand the commands and function

[Journal Entry - PLAN STAGE]

Section A: What I think I have done well?

When doing practice given by teacher, I am able to make much lesser mistake than last time when coding.

Section B: Where do I think I need to improve?

I still have some careless mistakes on the spacing in my code.

Section C: What have I learn in this week?

Able to understand able about python as my friends help me during this period of time

Weekly Journal - EXPLORE STAGE (P-E-P-P)

Weekly Journal - EXPLORE STAGE (8-14 Feb)

Use this section to talk about what planning are needed for your project. Add content to show your work. Use text and captions to fill in details. If you've uploaded a video to YouTube, then pull that in as well.

[Tasks done for this week]

-verified the findings and requirements

-created flowchat for the project

-Split workloads amongst members

[Journal Entry - EXPLORE STAGE]

Section A: What I think I have done well?

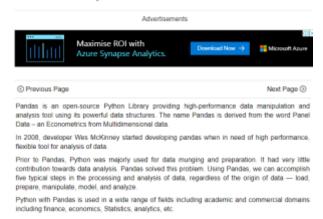Trying to understand what is PANDAs and how to implement it

Section B: Where do I think I need to improve?

Understanding more about python codings

Section C: What have I learn in this week?

learnt PANDAs

Weekly Journal - PRACTISE STAGE (P-E-P-P)

Weekly Journal - PRACTISE STAGE (15-21 Feb)

Use this section to talk about what planning are needed for your project. Add content to show your work. Use text and captions to fill in details. If you've uploaded a video to YouTube, then pull that in as well.

[Tasks done for this week]

-implementation using PYTHON

-user testing

-Going through all the coding I typed and fix any bugs

[Journal Entry - PRACTISE STAGE]

Section A: What I think I have done well?

Researching on the codes I will need for this project

Section B: Where do I think I need to improve?

Finding ways to append element

Section C: What have I learn in this week?

Appending elements to directory and fix bugs

Weekly Journal - PERFORM STAGE (P-E-P-P)

Weekly Journal - PERFORM STAGE (22-26 Feb)

Use this section to talk about what planning are needed for your project. Add content to show your work. Use text and captions to fill in details. If you've uploaded a video to YouTube, then pull that in as well.

[Tasks done for this week]

-presentation (SWAY)

-Complete the project in time for hand up.

-Complete my Sway

-Complete my Flowchart

[Journal Entry - PERFORM STAGE]

Section A: What I think I have done well?

Complete everything on time.

Section B: Where do I think I need to improve?

Time management.

Section C: What have I learn in this week?

Understand what is Python.

Conclusion

[Conclusion]

Conclude your project overview with photos and/or videos of your completed work. Use Sway's built in slideshow for maximum impact.

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[PYTHON Codes - FINAL SUBMISSION - due 19 Feb 2021]

repl.it link!

https://repl.it/@MysteryAss/DAProjectDickson#main.py

Flowchart link!

https://tinyurl.com/reuznj8w

GitHub link!

[Journal Entry - FINAL SUBMISSION - due 24 Feb 2021]

Section A: What I think I have done well?

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Section B: Where do I think I need to improve?

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Section C: What have I learn in this week?

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