

Student Notes

Milestones for Challenge Statement

Refer to Program schedule (published separately) for the complete list of events. The section below describes the milestones for the challenge/problem statement undertaken by your pod.

Date	Activity	What should you do?
Tuesday, June 7 (10 am – 12 pm CT)	Mentor Circle & Lab Work	<ul style="list-style-type: none">Finalize your topic for challengeDraft a plan for solution implementation
Wednesday, June 8 (11:15 am – 12 pm CT)	Lab Work	<ul style="list-style-type: none">Research and gather data/information for solutionBegin solution implementation
Thursday, June 9 (10 am – 12 pm CT)	Mentor Circle & Lab Work	<ul style="list-style-type: none">Implement Solution
Friday, June 10 (11:15 am – 12 pm CT)	Lab Work	<ul style="list-style-type: none">Implement Solution
Monday, June 13 (11:00 am – 12 pm CT)	Lab Work	<ul style="list-style-type: none">Finalize implementationBegin presentation work
Tuesday, June 14 (10 am – 12 pm CT)	Mentor Circle & Lab Work	<ul style="list-style-type: none">Mock presentation with mentorsIncorporate feedback and finalize presentation

- **Semi Finals** will be held on Wednesday, June 15, 2022, between 10 am and 12 pm CT
- **Final** will be held on Friday, June 17, 2022.

Problem Statement

- Choose a challenge/problem statement. Get clear on the problem and establish a goal that you want to achieve as a pod.
- Brain storm ideas. Explore various ways to solve the problem.
- Be creative and decide on a solution.
- Implement the solution. Be iterative and focus on short implementation cycles. Split the problem into logical parts and try to work on them in parallel by assigning to different pod members.
- Integrate the various parts of your solution and test it.
- Finalize your solution and review results.

Python Programming

Python workshop will be conducted on Wednesday June 8, 2022 at 10 am CT. Refer to useful links below:

Official Python Website, download page and tutorial:

<https://www.python.org/>

<https://www.python.org/downloads/>

<https://docs.python.org/3/tutorial/index.html>

Visual Studio Code (code editor):

<https://code.visualstudio.com/download>

Stack Overflow (for troubleshooting):

<https://stackoverflow.com/questions/tagged/python?tab=Votes>