Lesson 13: Data for Social Good Project – Day 3

45 minutes

Overview

How is my growth as a software engineer reflected in my project?

Students conducted code reviews at the end of the previous lesson to give and receive feedback that assists in identifying areas of improvement and fixes for problems they encountered. At this stage of the project, students consider this feedback as they finalize development in this lesson. Students share their final projects with their peers to celebrate their successes.

Agenda

Warm Up (5 minutes)
- **Reflecting on Your Progress**

Activity (30 minutes)
- **Development**
- **Peer Presentations**

Wrap Up (10 minutes)
- **Project Reflection**
- **Assessment: Grading the Project**
- **Survey**

Objectives

Students will be able to:

- Apply standard algorithms to analyze data stored in a 1D array
- Reflect on the development process

Preparation

- Gather several sticky notes for each student
- Check the **Teacher's Lounge** for verified teachers on the CSA Forum to find additional strategies or resources shared by fellow teachers

Teaching Guide

Warm Up (5 minutes)

Reflecting on Your Progress

Remarks

> We are almost done with our project! You should be proud of what you have accomplished in this unit and this project.

Discuss: *What are you most proud of about your project so far?*

Discussion Goal: Students share what they are proud of about their project.

Activity (30 minutes)

Development (15 minutes)

Remarks

> You will finish developing your Data for Social Good program. Be sure to consider the feedback you received from your code review and rubric self-assessment as you finalize your program.

Do This: Direct students to Level 1 on Code Studio to finish developing their Data for Social Good Project. Have students submit their projects at the end of the allotted time.

1 **Data for Social Good Project**

Peer Presentations (15 minutes)

Remarks

> Congratulations! You have completed your data for social good project for this unit. Let's show off our work through a Gallery Walk so you can share your work with your classmates.

Distribute: Give each student several sticky notes.

Do This: Have students participate in a Gallery Walk to view each other's programs and leave sticky notes noting what they like about the program.

Wrap Up (10 minutes)

Project Reflection

Do This: Direct students to respond to the End of Project Reflection prompt on the Data for Social Good Project Planning Guide.

Teaching Tip

If time permits, have students share their thoughts and ideas with a neighbor.

Assessment: Grading the Project

Data for Social Good Project Planning Guide: Use the rubric on the last page of the Data for Social Good Project Planning Guide to assess the projects.

Survey

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