APS106



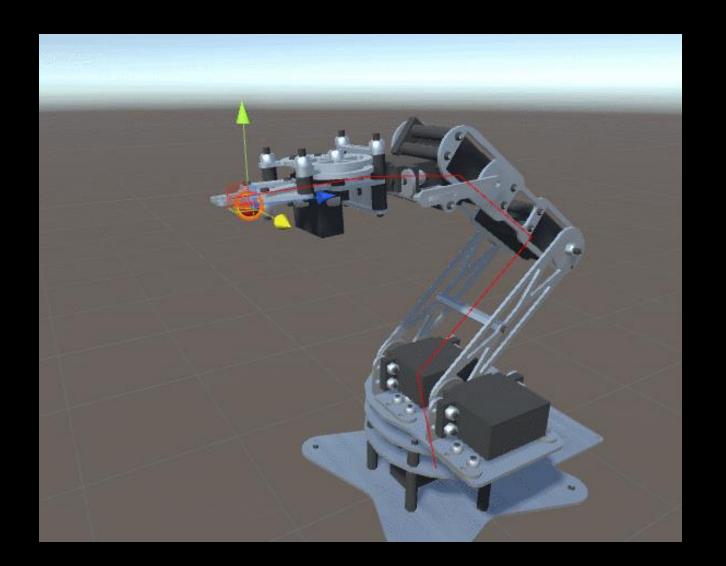
Forward Kinematics

Design Problem 1

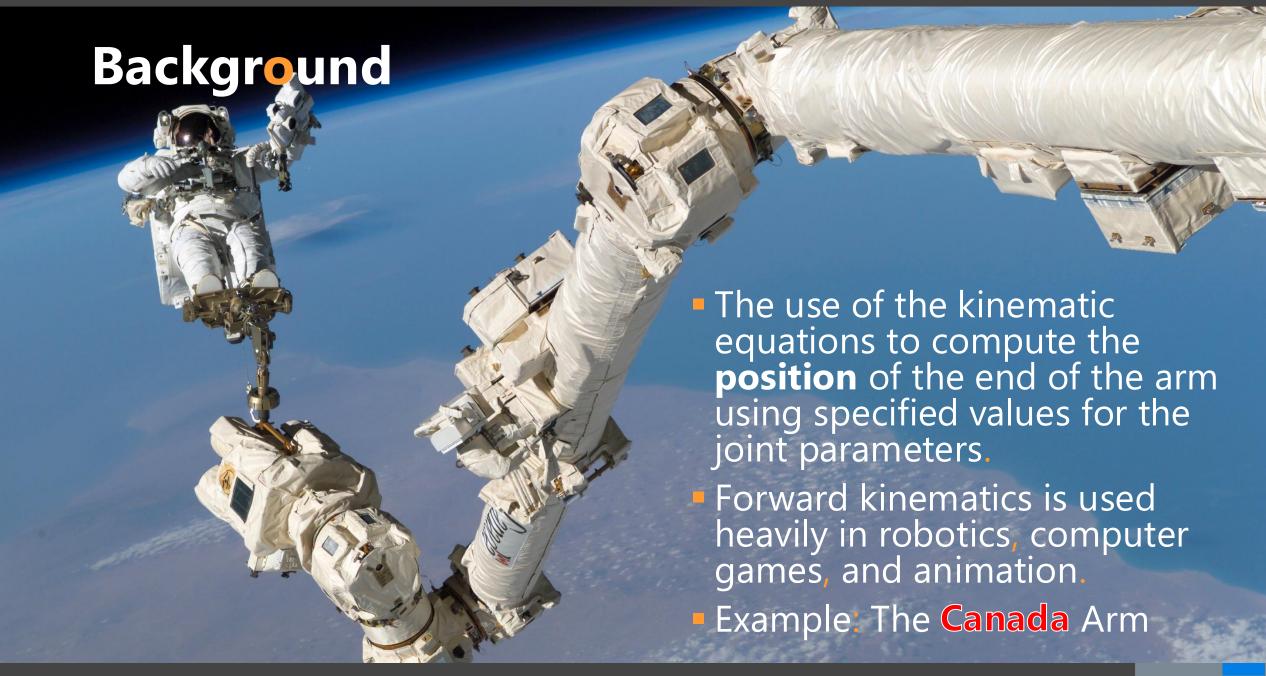


Agenda

- Problem Background
- Learning Objectives
- Live Coding!









Other Cool Examples:

Humanoid and Industrial Robots, Animations and Gaming, 3D printing, ...







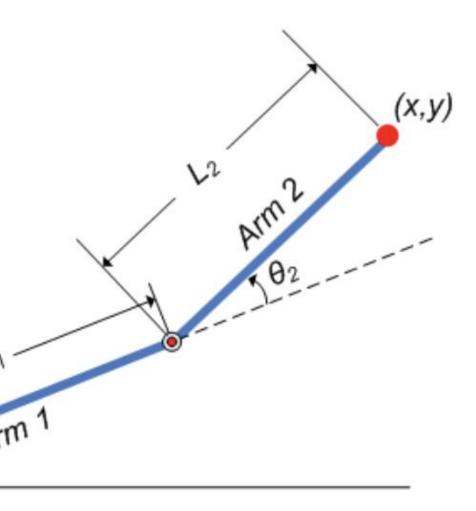




Background

 Goal: Create a program that finds the x- and y- position of the effector arm (i.e. the end of Arm #2).

 Will rely on trigonometry to find the positions.





Learning Objectives

- Practice with <u>user input</u>.
- Learn to define and use <u>custom</u>
 <u>functions</u>.
- Practice with <u>built-in libraries</u>.



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Forward Kinematics

Design Problem 1

Let's review the notebook now!

