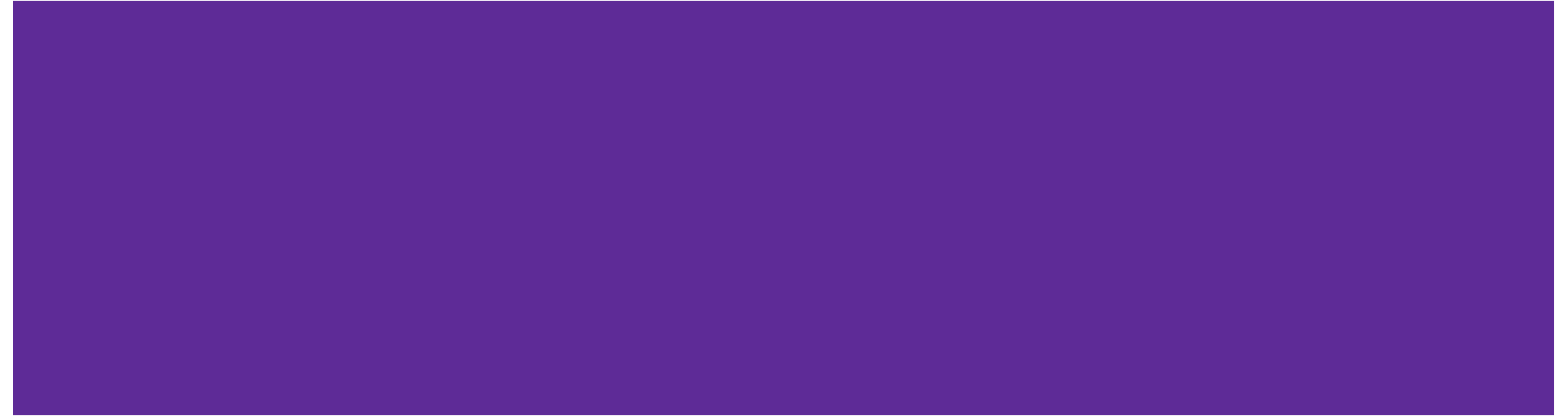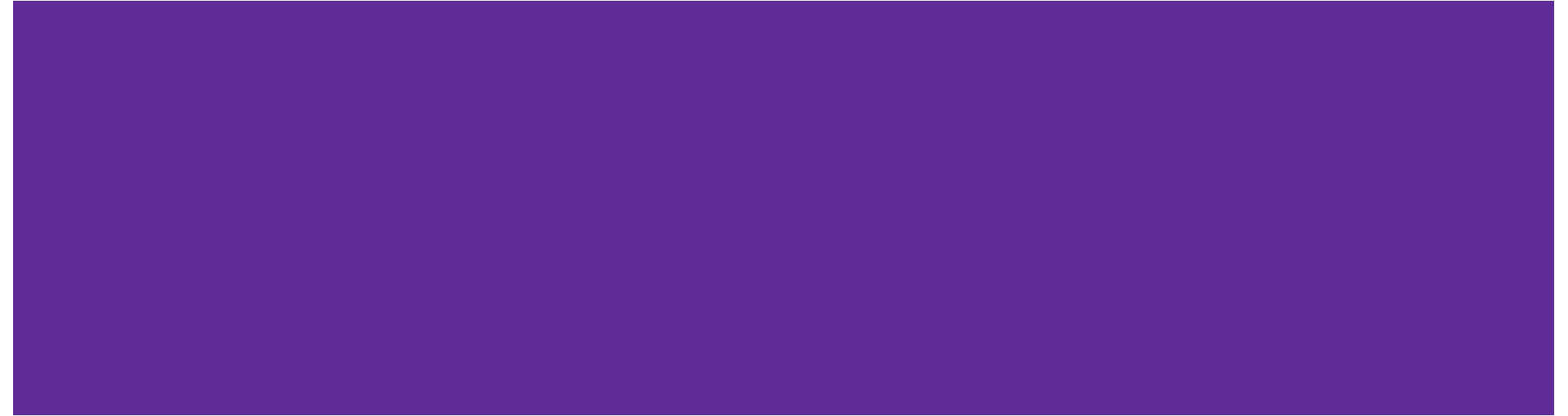# Program Your Teacher

Introduction to Robotics: Programming & Coding

Let's pretend I'm a robot.

A robot with cookies.

What?

You guys can have the cookies…

But you have to **work together** to create directions for me to follow *(type them into the computer)*

The task you want the robot/me to complete is:

1. Hand you the open box of cookies.

As a robot, I only understand the following commands:

- Start, stop   ●Colors   ●Shapes

- **Directions:** left, right, up, down, forward, back

- **Distance:** 2 inch units

- **Angle:** 45 degree units

- **Math:** all math computations, whole numbers, fractions

- **Commands:** push, pull, grasp/grab, pick up, turn, move, bend

  *Move: (1 rotation = 1 step)

- **Body parts:** hand, finger, arm, body, elbow, toe, thumb, wrist etc.

As a robot, I do not understand:

- Plurals
- Both
- Together
-

Program Your Teacher: Notebook Q's

1. What do you think was the point of this activity?

2. What happens when a program doesn't understand a command?

3. What was hard? What was easy?