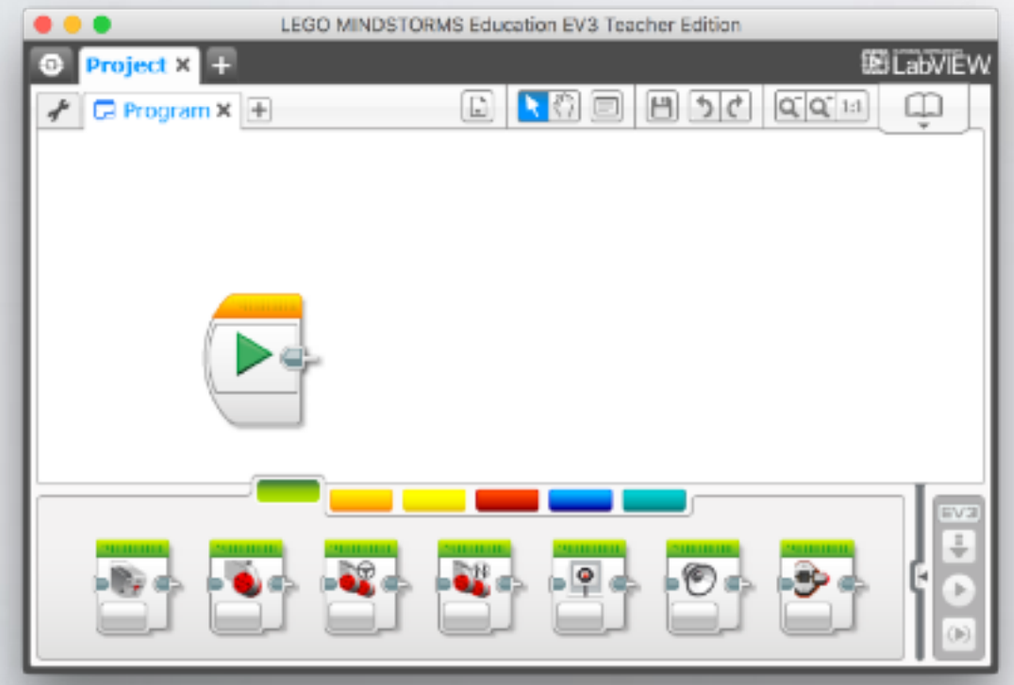
WHAT IS ROBOTICS?

- “the design, construction, operation, and application of robots that perform various complex acts”

EV3

WHAT IS PROGRAMMING?

- "the process of writing a series of instructions for a computer to direct it to carry out certain operations"




```java
/**...*/
public class Robot extends IterativeRobot {

    public static DriveTrain driveTrain;
    public static Shooter shooter;
    public static Indexer indexer;
    public static BallCollector ballCollector;
    public static GearLoader gearLoader;
    public static Lifter lifter;
    public static OI oi;
    public static Vision vision;

    Command autonomousCommand;
    Command getStatus;
    SendableChooser<Command> chooser;

    /**
     * This function is run when the robot is first started up and should be
     * used for any initialization code.
     */
    @Override
    public void robotInit() {

        // Initialize hardware
        RobotMap.init();

        // Initialize subsystems and default ManualDrive
        driveTrain = new DriveTrain();
```

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