

WHAT'S PROGRAMMING?

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

Project x +

Program x +



EV3



```
/**
```

```
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() {
```

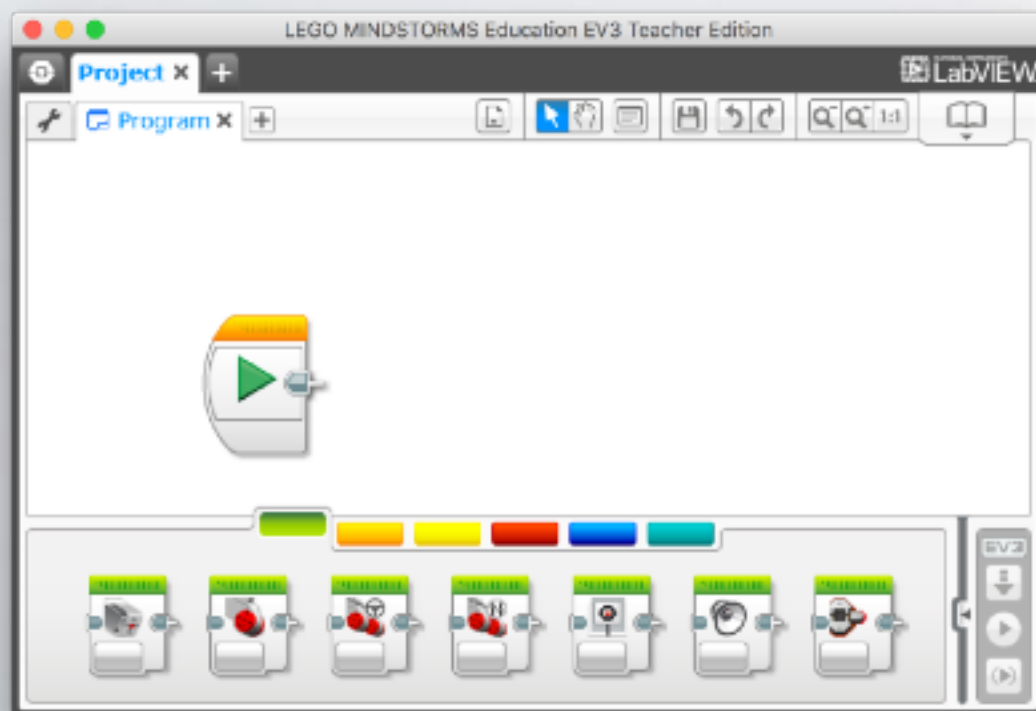
```
        // Initialize hardware  
        RobotMap.init();
```

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

PARTS + PROGRAM = ROBOT

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