

```
//Positions are for upstairs track
//First quarter
reverse(4);
motorSpeed(4,22);
goToRelativePosition(463);
reverse(4);
motorSpeed(4,71);
goFor(.5);
brake(4);
goFor(7); //stop at gate for 7 seconds
```

```
//2nd quarter
reverse(4);
motorSpeed(4,22);
goToRelativePosition(318);
brake(4);
goFor(5);
goFor(5);
```

```
//3rd quarter
//start back with r2 unit
reverse(4);
motorSpeed(4,35);
goToRelativePosition(-415);differently
reverse(4);
motorSpeed(4,71);
goFor(.5);
brake(4);
goFor(7); //brake at gate for 7 seconds
```

```
//4th quarter
reverse(4);
motorSpeed(4,35);
goToRelativePosition(-310);
brake(4);
goFor(5);
goFor(5);
```