Function Order:

A quick breakdown of the order of my functions (I found it useful when navigating my code, hopefully you will too):

- Global Declerations
- Setup
- LDR functions
    - printLiLev
    - calibrateLDR
    - avgLight
- Robots basic movements
    - robotFast
    - robotSlow
    - robotForwards
    - robotBackwards
    - robotRight
    - robotLeft
    - robotStop
    - danceForwards
    - danceBackwards
    - danceRight
    - danceLeft
- Obstacle Avoidance
    - setupObstacle
    - obstacle
- Finding and reading barcodes
    - findBC
    - readBC
    - blackBarLength
    - whiteBarLength
    - compareBC
    - calcTimeDiff
- Dance functions
    - blinkGreen
    - blinkYellow
    - blinkRed
- Barcode commands
    - bcLeft
    - bcRight
    - bcUturn
    - bcStop
    - bcBoogie
    - bcPartyTime
- Check for party time command
    - checkForParty