Speed & Rotation Control - Setup

Make copy of:

~/sphero/missions/mission6.py

Rename copy to:

~/sphero/missions/mission7.py

Speed Control

Using the code you previously wrote in mission 6:

1. Create a new function outside of the main loop to increase/decrease speed
   a. These need to be mapped to different keys (key mapping on next slide)
      i. Example - [y] key increases speed. [h] key decreases speed

2. Speed Control only takes one function
   a. You are able to increase and decrease the speed using two keys, and one function

Rotation Control

Using the code you previously wrote on the last page:

1. Create a new function outside of the main loop to increase/decrease turn radius
    a.   These need to be mapped to different keys (key mapping on next slide)
        i.   Example - [u] key increases turn radius. [j] key decreases turn radius

2. Turn radius only takes one function
    a.   You are able to increase and decrease the turn radius using two keys, and one function

Video of working results: https://youtu.be/cvS-1ev6KeU

Key Mappings

[a]	97		[n]	110
[b]	98		[o]	111
[c]	99		[p]	112
[d]	100		[q]	113
[e]	101		[r]	114
[f]	102		[s]	115
[g]	103		[t]	116
[h]	104		[u]	117
[i]	105		[v]	118
[j]	106		[w]	119
[k]	107		[x]	120
[l]	108		[y]	121
[m]	109		[z]	122