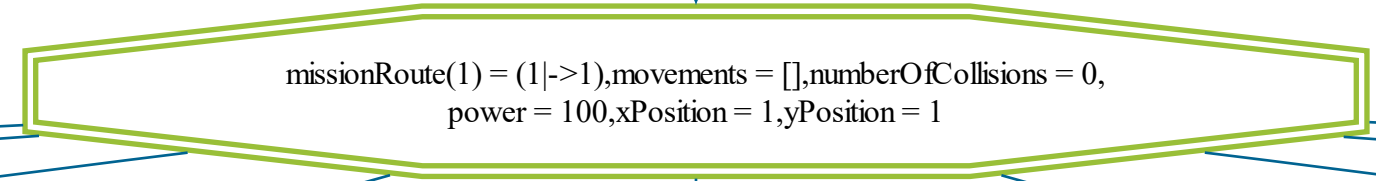


SETUP\_CONSTANTS

SpaceAxis\_X = {1,2,3,4,5,6,7,8,9,10,11,12},SpaceAxis\_Y = {1,2,3,4,5,6,7},SpaceXY = {(1|->1),(1|->2),(1|->3),(1|->4),(1|->5),(1|->6),(1|->7),(2|->1),(2|->2),(2|->3),(2|->4),(2|->5),(2|->6),(2|->7),(3|->1),(3|->2),(3|->3),(3|->4),(3|->5),(3|->6),(3|->7),(4|->1),(4|->2),(4|->3),(4|->4),(4|->5),(4|->6),(4|->7),(5|->1),(5|->2),(5|->3),(5|->4),(5|->5),(5|->6),(5|->7),(6|->1),(6|->2),(6|->3),(6|->4),(6|->5),...,  
Asteroids = {(3|->2),(3|->5),(5|->4),(6|->7),(7|->1),(7|->5),(7|->7),(8|->3),(10|->6),(11|->2),(12|->5)},EmptySpaceXY = {(1|->1),(1|->2),(1|->3),(1|->4),(1|->5),(1|->6),(1|->7),(2|->1),(2|->2),(2|->3),(2|->4),(2|->5),(2|->6),(2|->7),(3|->1),(3|->3),(3|->4),(3|->6),(3|->7),(4|->1),(4|->2),(4|->3),(4|->4),(4|->5),(4|->6),(4|->7),(5|->1),(5|->2),(5|->3),(5|->5),(5|->6),(5|->7),(6|->1),(6|->2),(6|->3),(6|->4),(6|->5),(6|->6),(7|->2),(7|->3),...,HomebaseSquare = (1|->1),  
StarbaseSquare = (6|->4),InitialPower = 100,PowerForNormalMove = 5,  
PowerForWarpDrive = 20,PowerLossForAsteroidCollision = 10

INITIALISATION



missionRoute(1) = (1|->1),movements = [],numberOfCollisions = 0,  
power = 100,xPosition = 1,yPosition = 1

