



Locations:

cs: coffee shop  
 off: office  
 lab: laboratory  
 mr: mail room

Feature values

rhc: robot has coffee  
 swc: Sam wants coffee  
 mw: mail waiting  
 rhm: robot has mail

Actions

mc: move clockwise  
 mac: move anticlockwise  
 puc: pick up coffee  
 dc: deliver coffee  
 pum: pick up mail  
 dm: deliver mail