

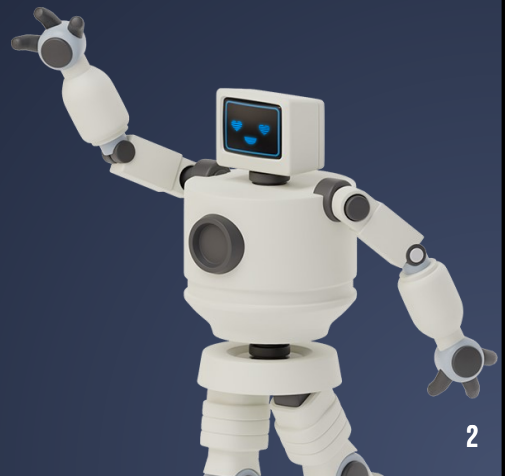
# ROBOTICS WORKSHOP

UMARAH QASEEM



1

## Introduction to Robotics ToolBox



2

2

# DOWNLOAD

RTB file

Version 10+

Get from GCR



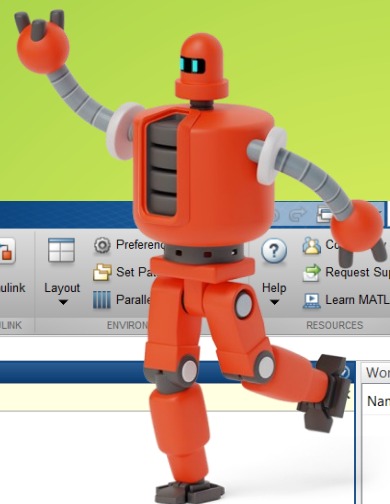
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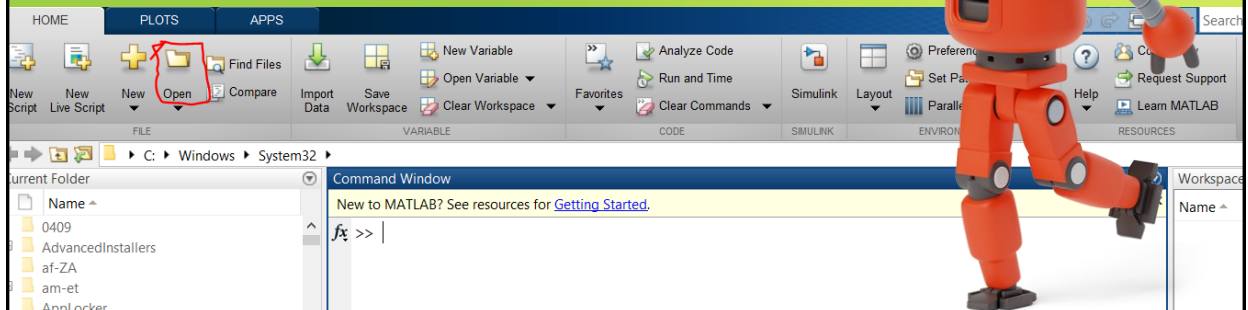
# OPEN MATLAB

2019 above

Click open

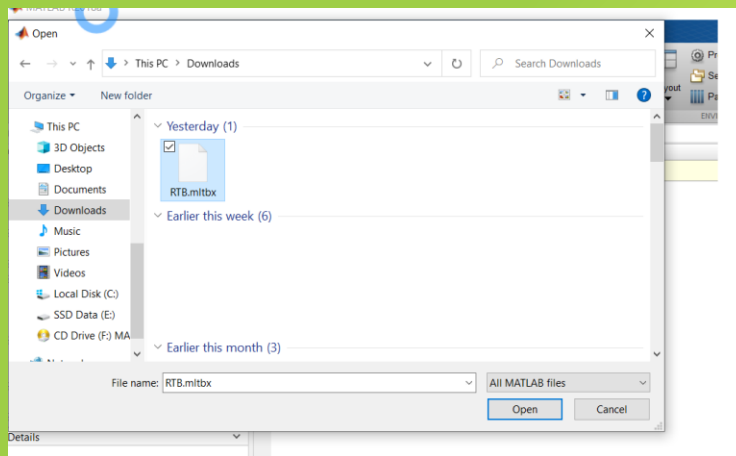


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4

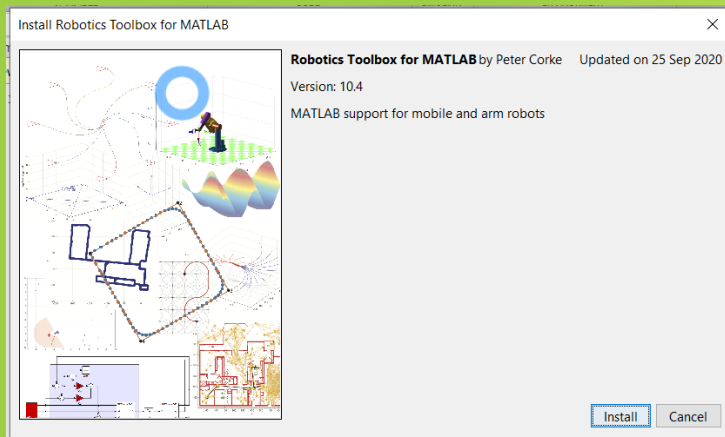
# BROWSE CORRECTLY



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# INSTALL

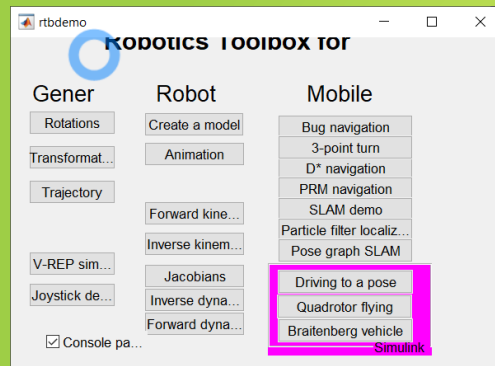


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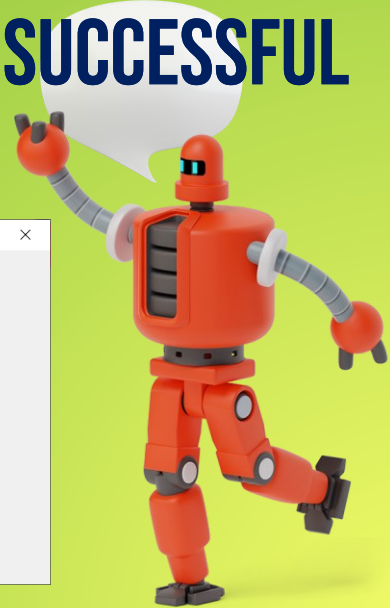
6

# CHECK IF INSTALLATION IS SUCCESSFUL

Type  
rtbdemo



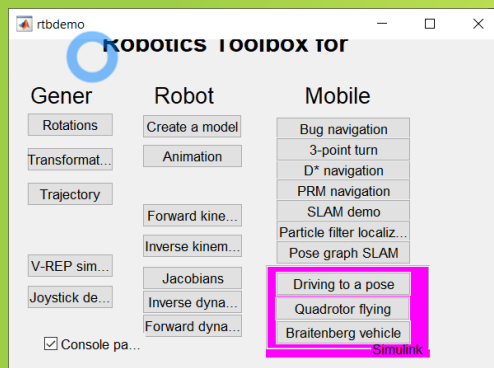
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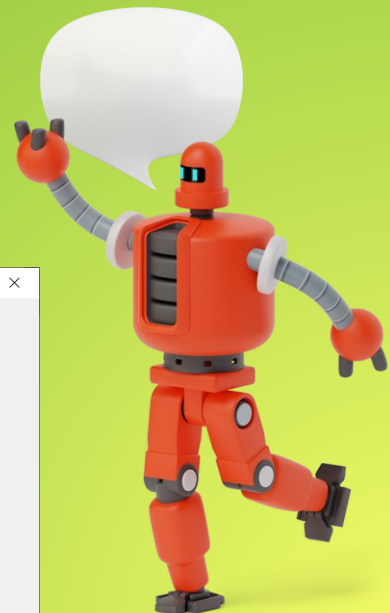
7

# PLAY AROUND

Run different simulation and see if you  
can derive any meaning from  
anything.



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# PUMA 560 ROBOT - TASK 2

**mdl\_puma560**

**p560.plot(qz)**

**p560.plot(qr)**

**p560.teach**



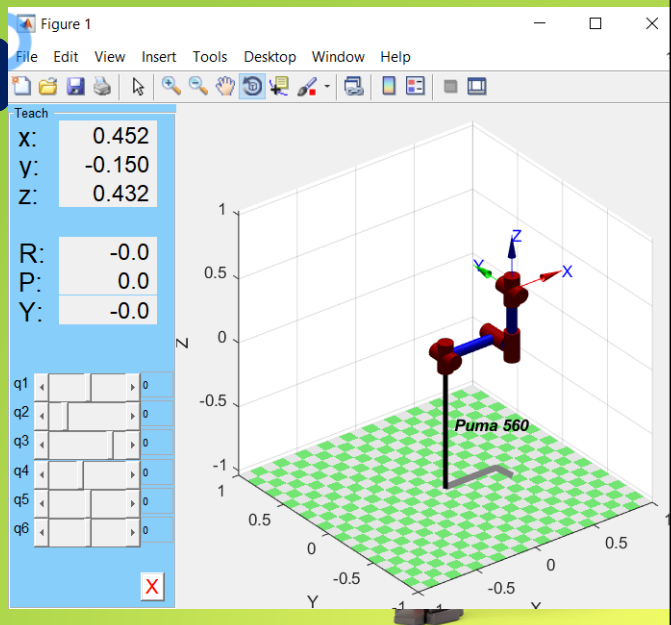
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# PUMA 560 ROBO

**Change all 6 angles of Puma 560 robot and create at least 10 different orientations of robot.**

**You can twist your 3D world too.**

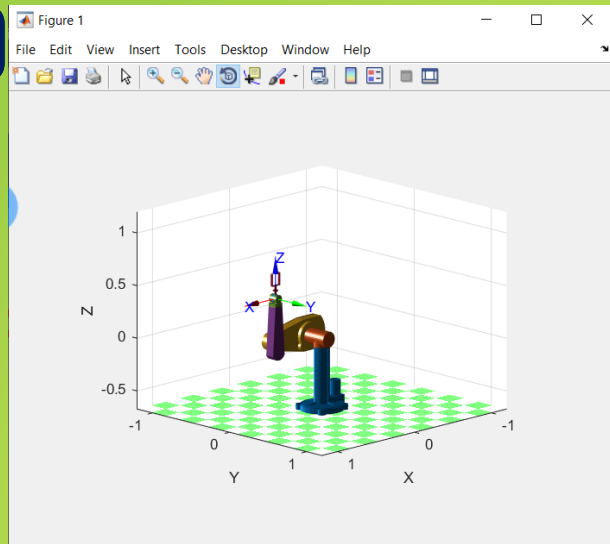


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# PUMA 560 ROBO

**p560.plot3d(qz);**



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