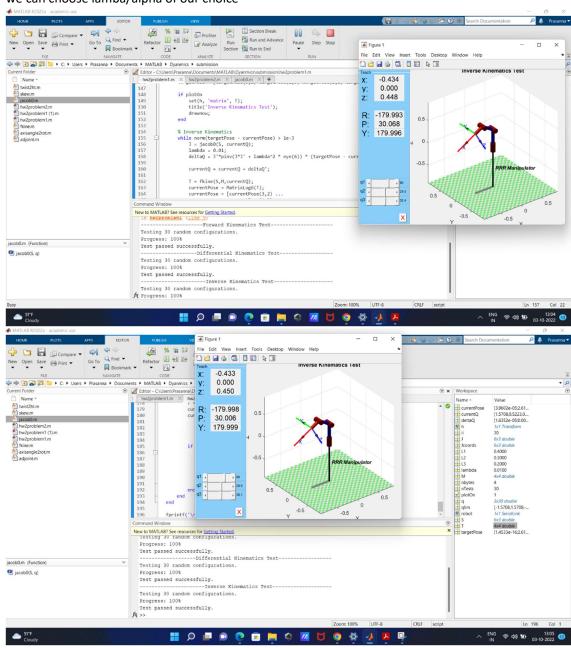
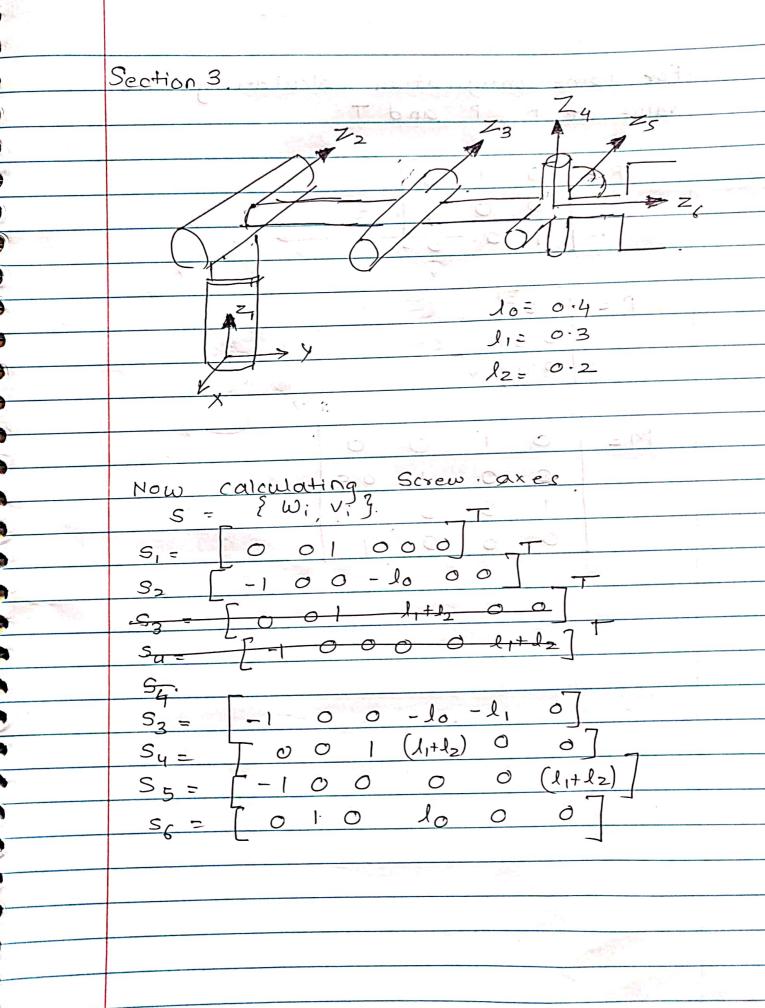
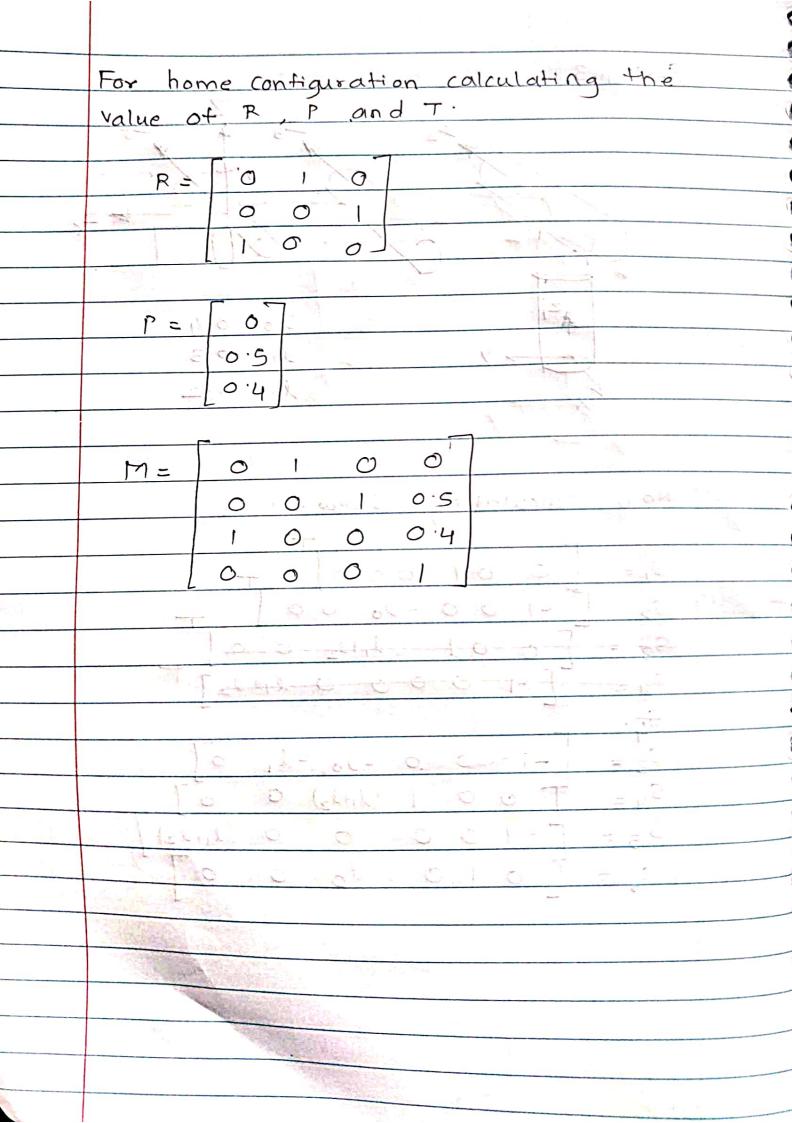


## Section 2 steps

- 1. Initially we calculated all the values necessary for the Jacobian and inverse which are the home configuration and screw axes.
- 2. In the given problem we assign axes as shown and then calculate the axes S using the axisangle2rot function.
- 3. Then we calculate the twist using the twist2ht function.
- 4. We calculate adjoint function.
- 5. Later we calculate the forward kinematics using the S,M,q values.
- 6. Then we can calculate Jacobian using S,q that we got initially.
- 7. We use least square method for getting to the target position from the initial position where we can choose lamba/alpha of our choice







## Section 3

- 1. Here also we follow the same steps for getting to the solution as in section 2
- 2. We calculate all the value as shown and then input them to the function.
- 3. The inverse kinematics took around 3 hrs to reach to the final solution of 100% completion.

