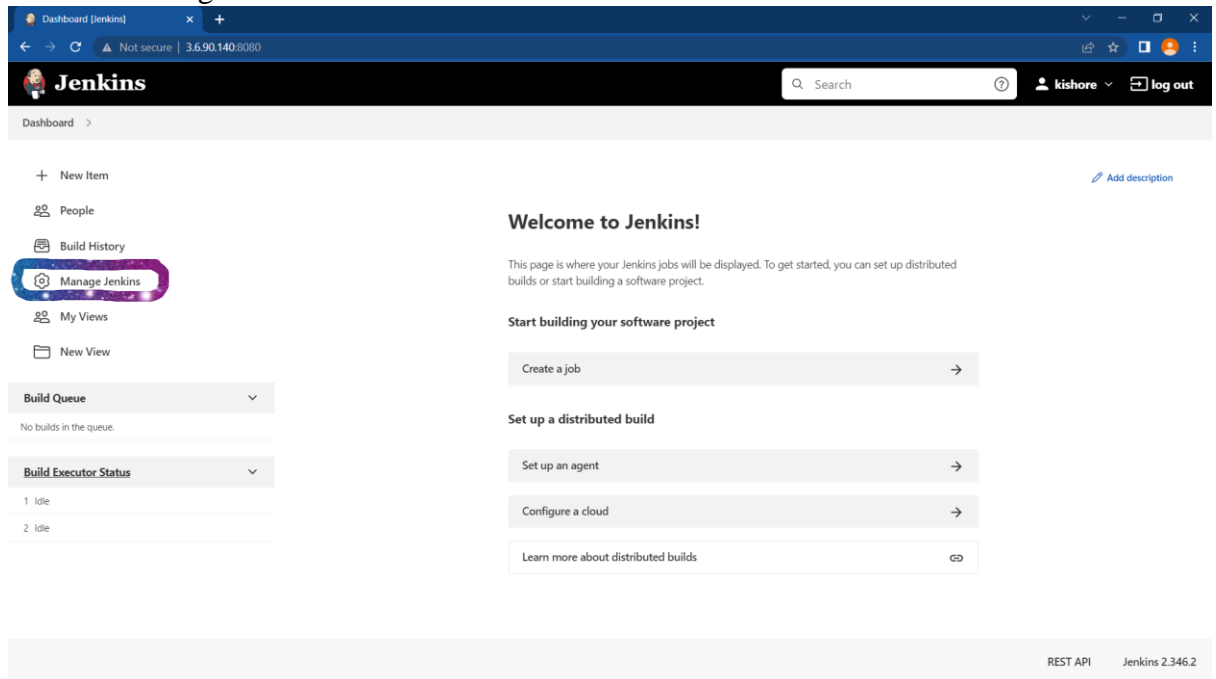


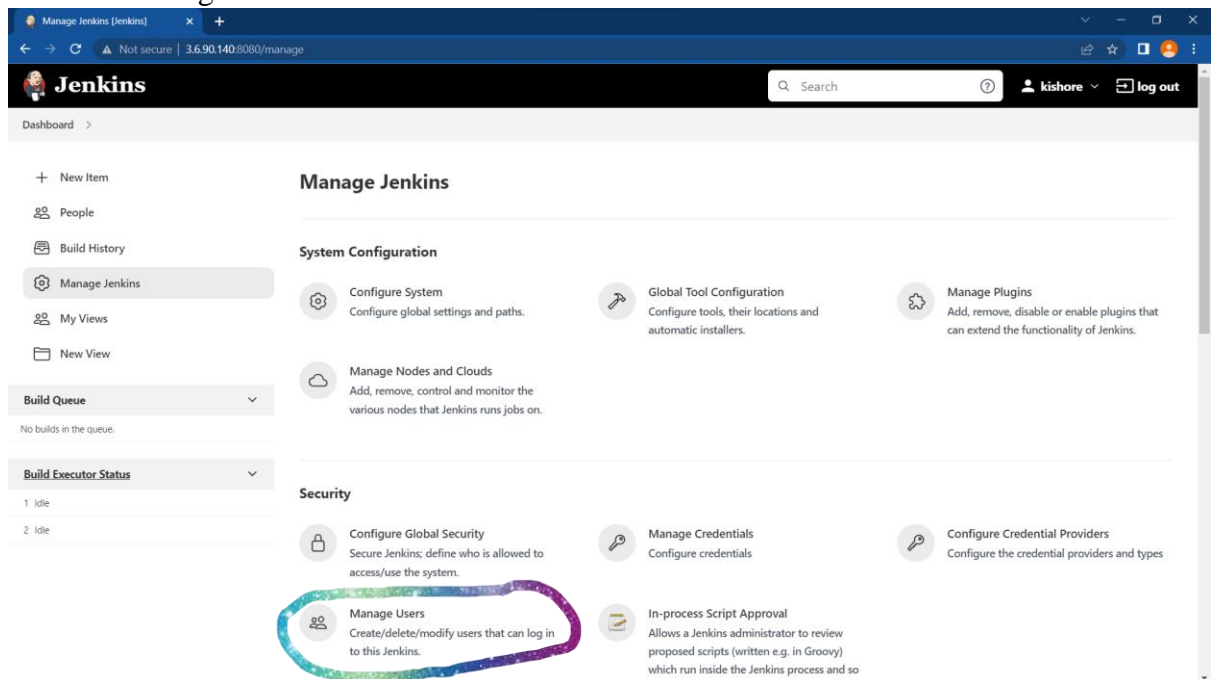
USER MANAGEMENT IN JENKINS

1) Creating user:

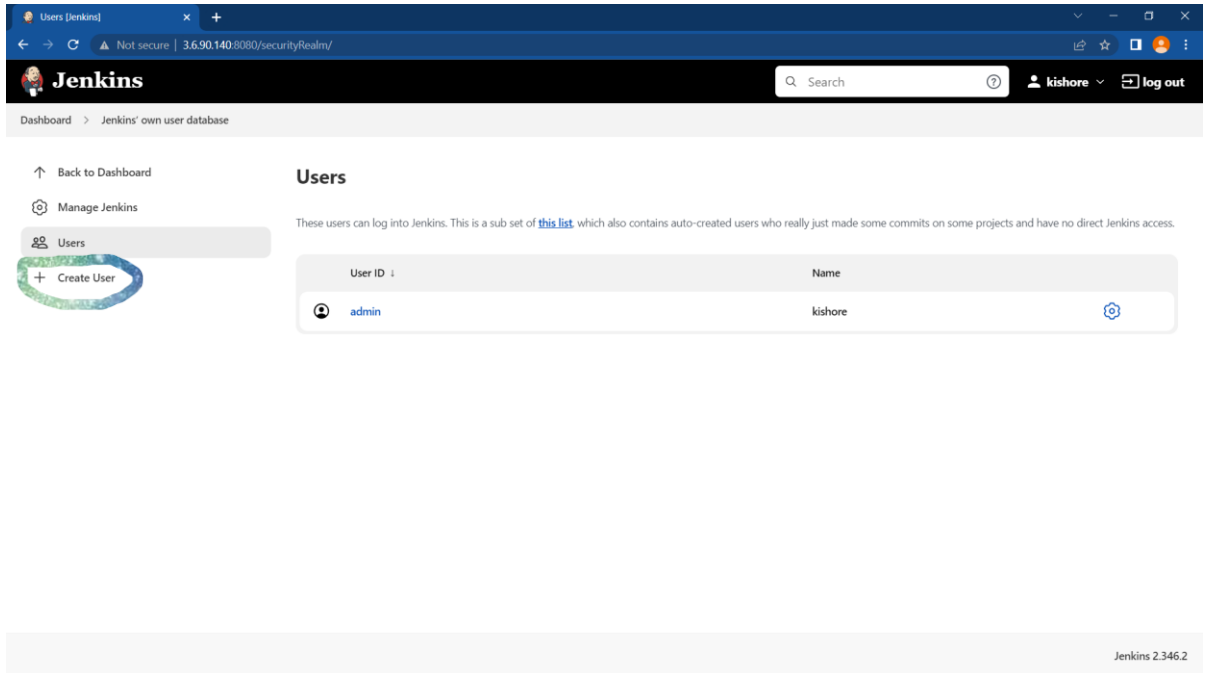
- i. Log into Jenkins
- ii. Click on Manage Jenkins



iii. Click on Manage Users



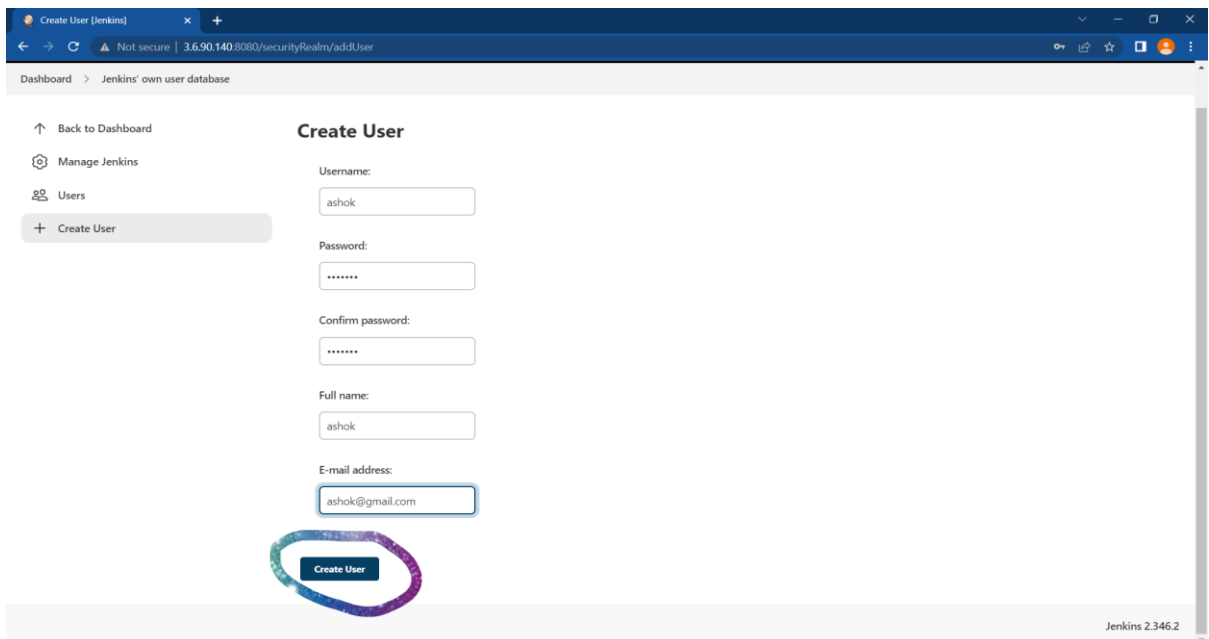
iv. Click on Create User



The screenshot shows the Jenkins 'Users' page. The left sidebar contains a menu with 'Back to Dashboard', 'Manage Jenkins', 'Users', and 'Create User'. The 'Create User' link is circled in green. The main content area is titled 'Users' and contains a table of existing users. The table has two columns: 'User ID' and 'Name'. The 'admin' user is listed with the name 'kishore'. A 'log out' button is visible in the top right corner.

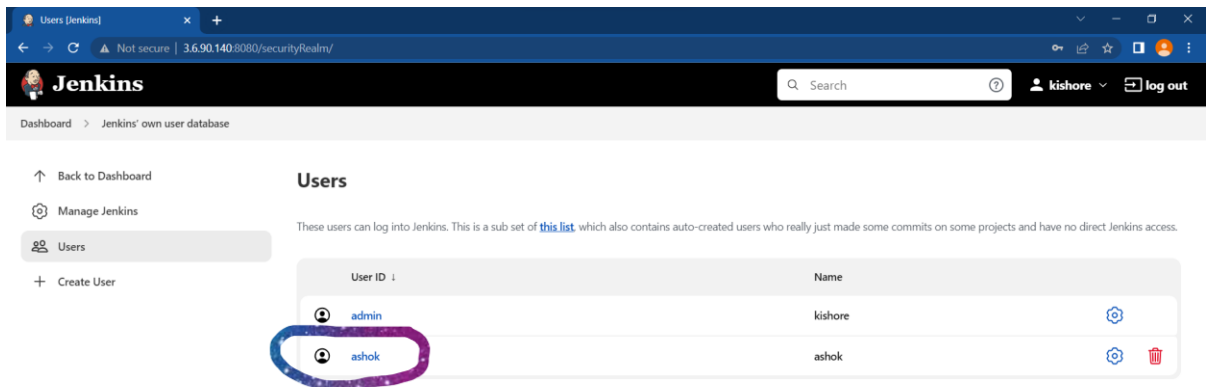
User ID	Name
admin	kishore

v. Fill in the details and click on create user



The screenshot shows the Jenkins 'Create User' form. The left sidebar is the same as in the previous screenshot, but the 'Create User' link is now highlighted. The form fields are: Username (ashok), Password (masked with dots), Confirm password (masked with dots), Full name (ashok), and E-mail address (ashok@gmail.com). The 'Create User' button at the bottom is circled in green.

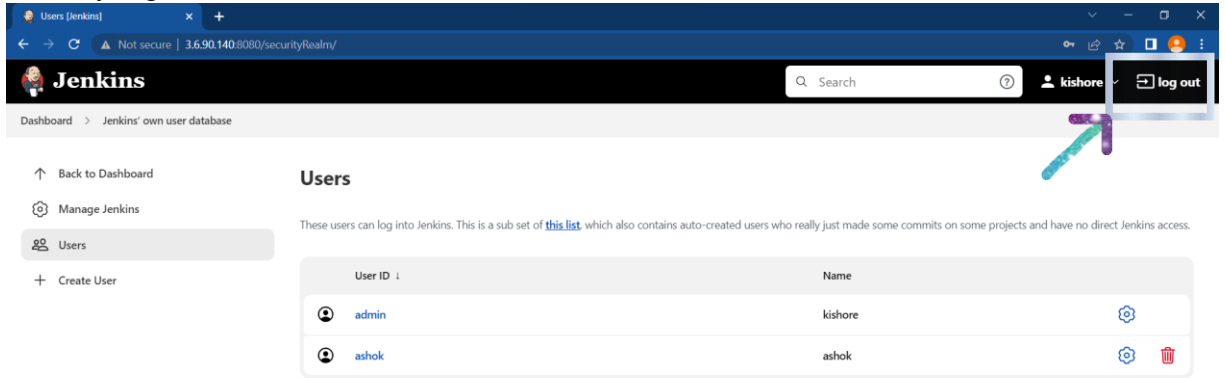
vi. User has been created



The screenshot shows the Jenkins 'Users' page after a new user has been created. The left sidebar is the same as in the previous screenshots. The main content area shows a table with two users: 'admin' (name: kishore) and 'ashok' (name: ashok). The 'ashok' user is circled in green. The 'log out' button is visible in the top right corner.

User ID	Name
admin	kishore
ashok	ashok

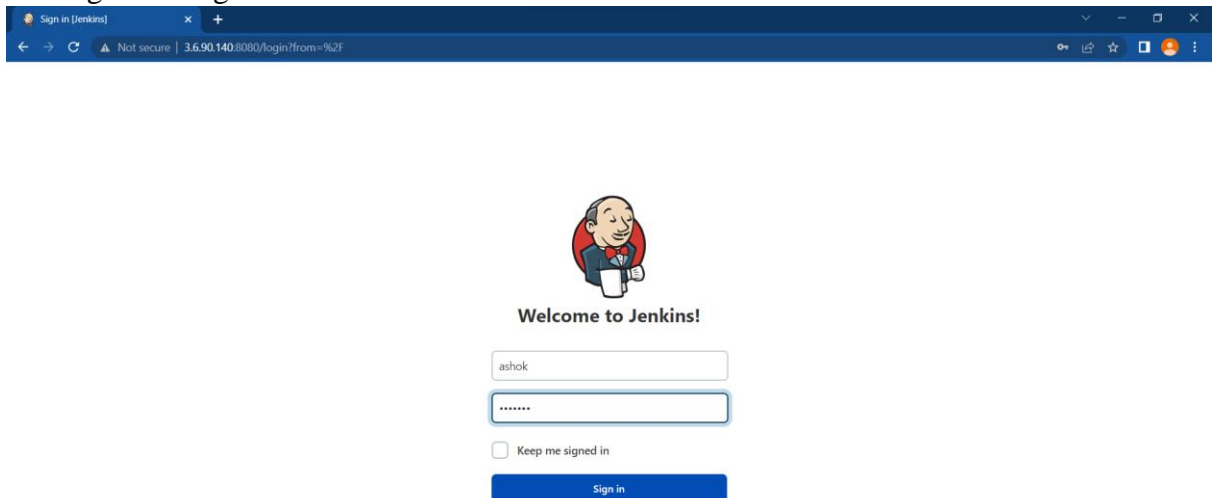
vii. Now try logout from the admin account



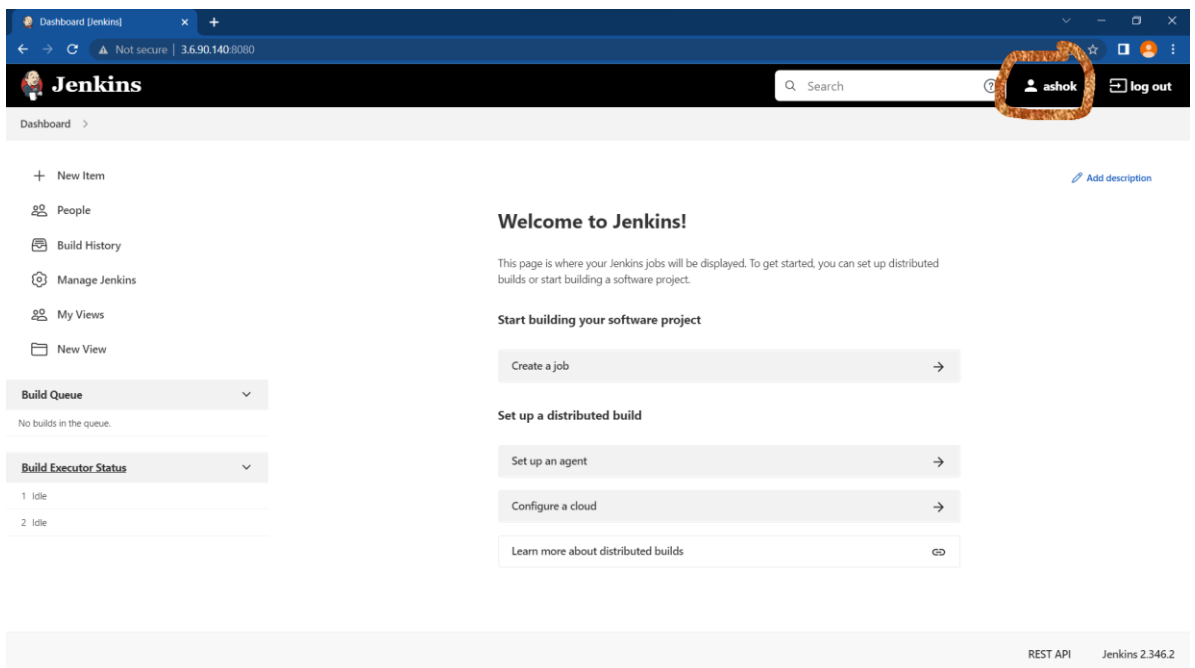
A screenshot of the Jenkins 'Users' page. The browser address bar shows '3.6.90.140:8080/security/realms/'. The page title is 'Users [Jenkins]'. The left sidebar contains links: 'Back to Dashboard', 'Manage Jenkins', 'Users' (selected), and 'Create User'. The main content area is titled 'Users' and includes a description: 'These users can log into Jenkins. This is a sub set of [this list](#), which also contains auto-created users who really just made some commits on some projects and have no direct Jenkins access.' Below this is a table with two columns: 'User ID' and 'Name'. The table lists two users: 'admin' (Name: kishore) and 'ashok' (Name: ashok). Each user has a settings icon and a delete icon. A red arrow points to the 'log out' button in the top right corner of the page.

User ID	Name
admin	kishore
ashok	ashok

viii. and Sign in using the new user credentials



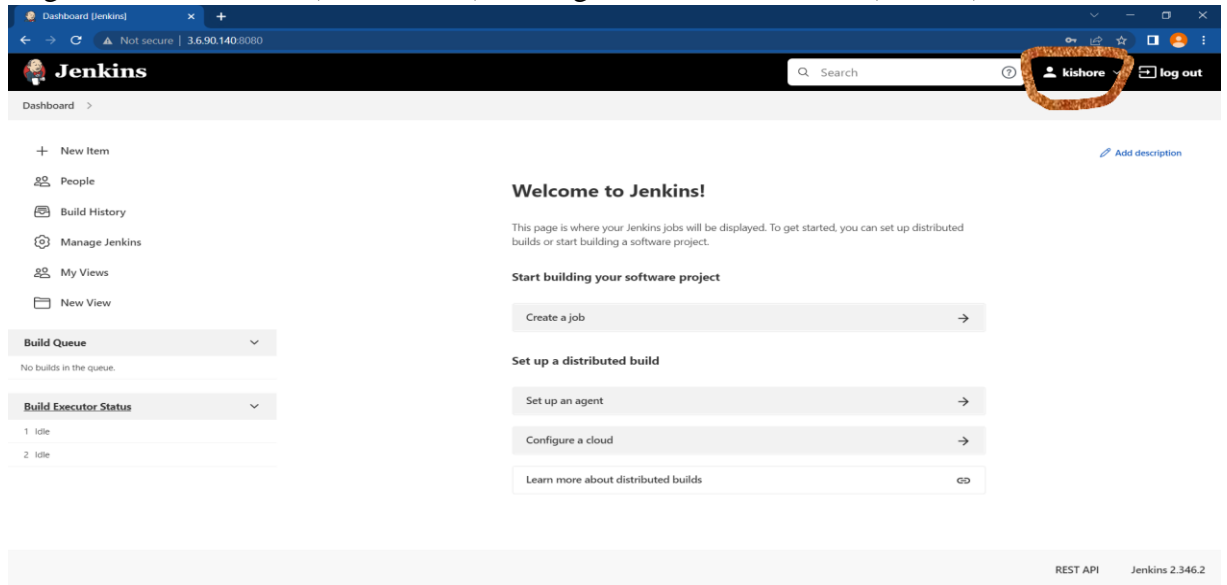
A screenshot of the Jenkins 'Sign in' page. The browser address bar shows '3.6.90.140:8080/login?from=%2F'. The page title is 'Sign in [Jenkins]'. The main content area features the Jenkins logo and the text 'Welcome to Jenkins!'. Below this are two input fields: one for the username 'ashok' and one for the password (masked with dots). There is a checkbox labeled 'Keep me signed in' and a blue 'Sign in' button.



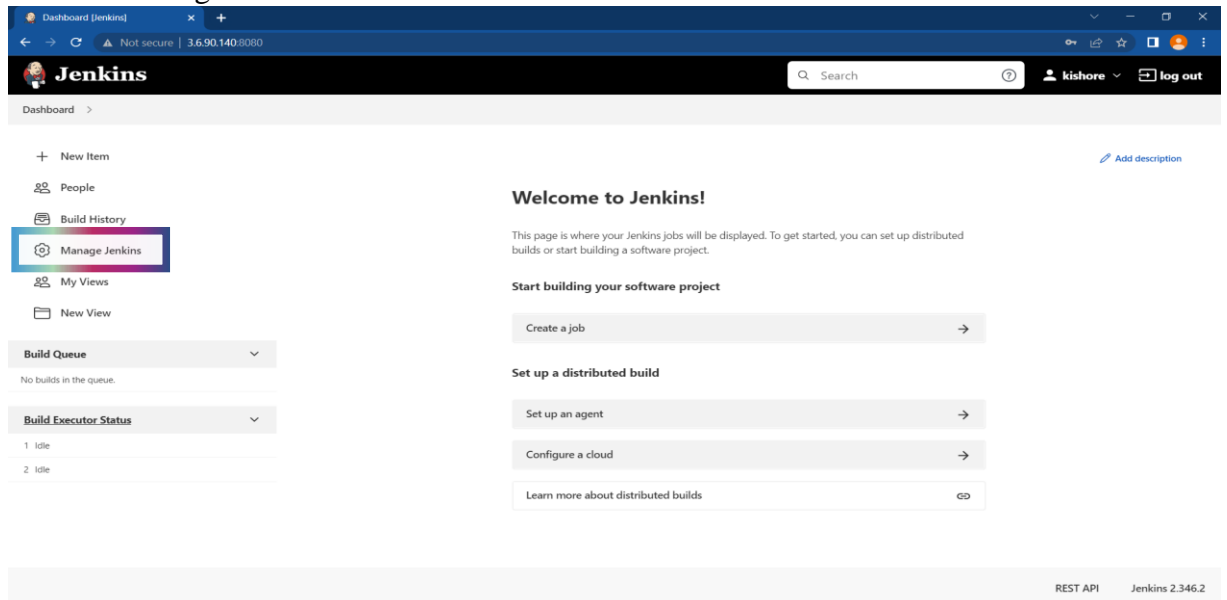
A screenshot of the Jenkins 'Dashboard' page. The browser address bar shows '3.6.90.140:8080'. The page title is 'Dashboard [Jenkins]'. The left sidebar contains links: 'New Item', 'People', 'Build History', 'Manage Jenkins', 'My Views', and 'New View'. The main content area is titled 'Welcome to Jenkins!' and includes a description: 'This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.' Below this are two sections: 'Start building your software project' and 'Set up a distributed build'. The 'Start building your software project' section has a 'Create a job' button. The 'Set up a distributed build' section has buttons for 'Set up an agent', 'Configure a cloud', and 'Learn more about distributed builds'. A red circle highlights the 'ashok' user name in the top right corner of the page.

2) Assigning Roles

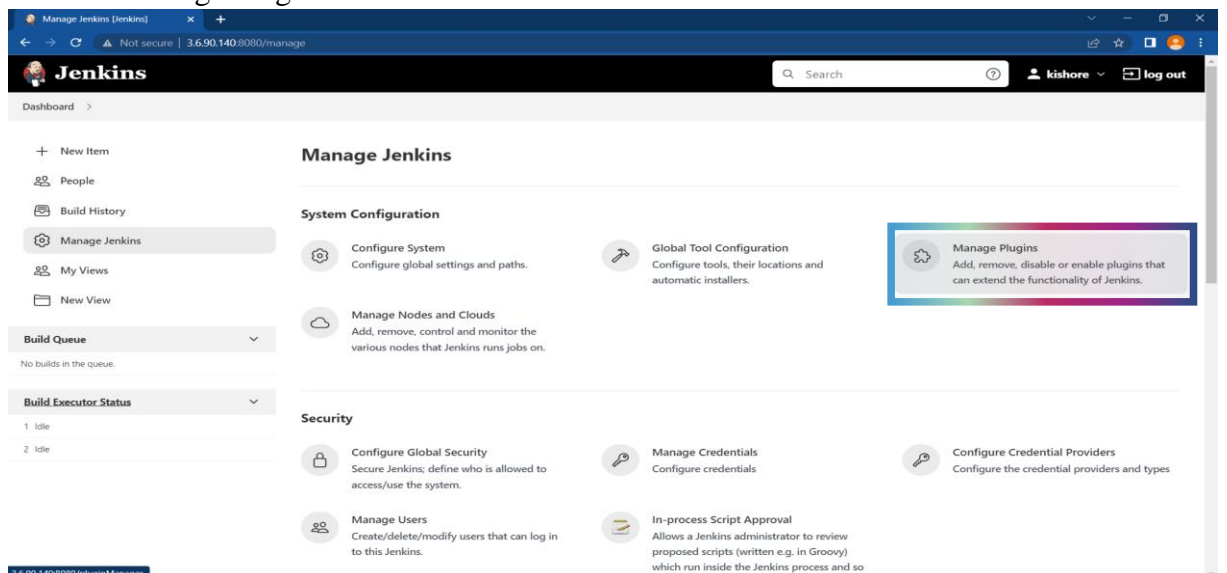
i. Logout from the Ashok(created user) and Sign in back as an admin(kishore)



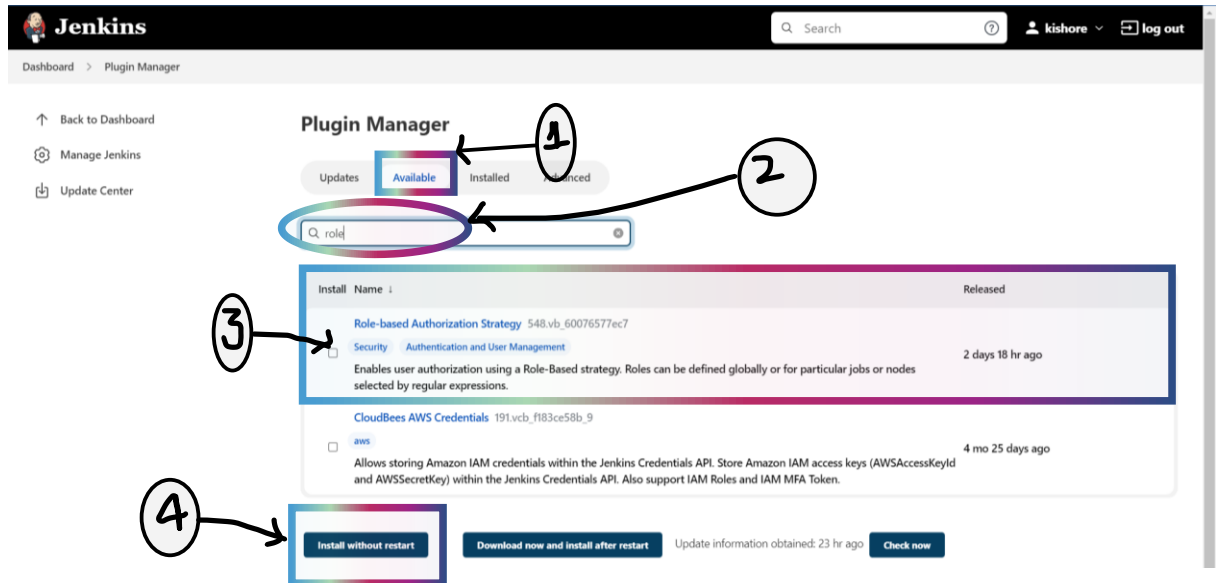
ii. Click on manage Jenkins



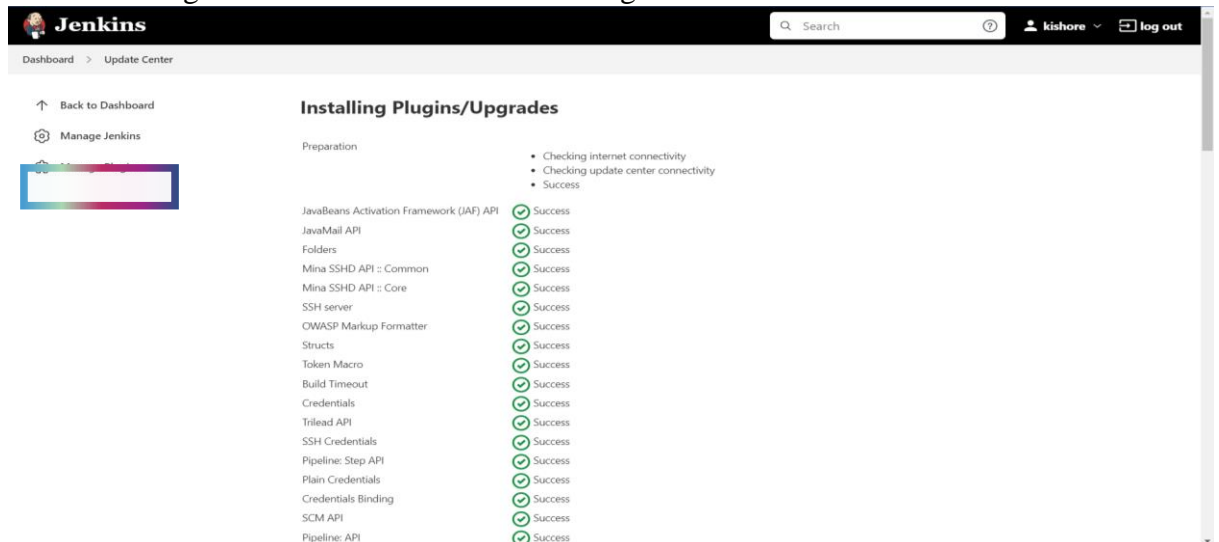
iii. Click on manage Plug-ins



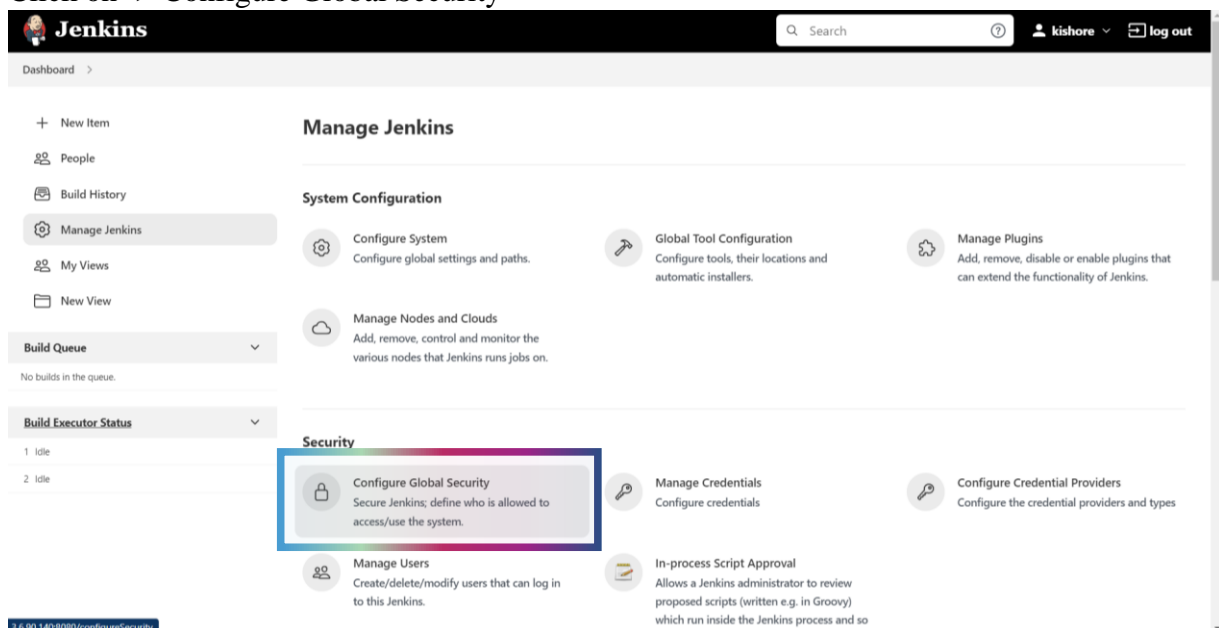
- iv. Click on Available -> search for Role-based Authorization Strategy -> check the box -> click on Install without restart.



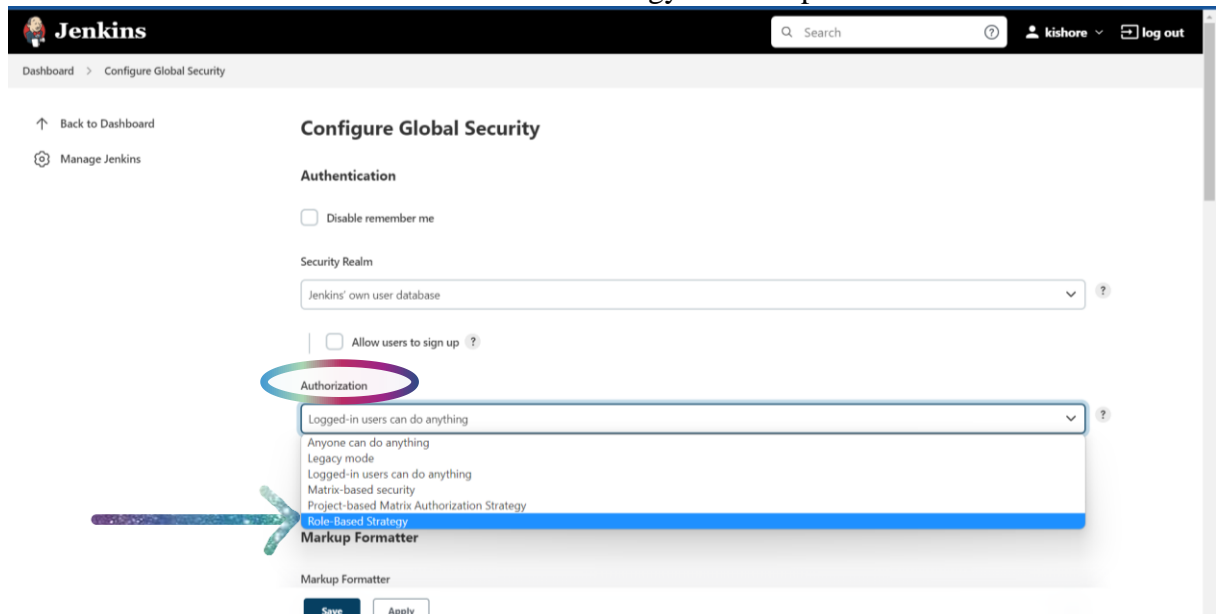
- v. Wait until its get installed and click on -> Manage Jenkins



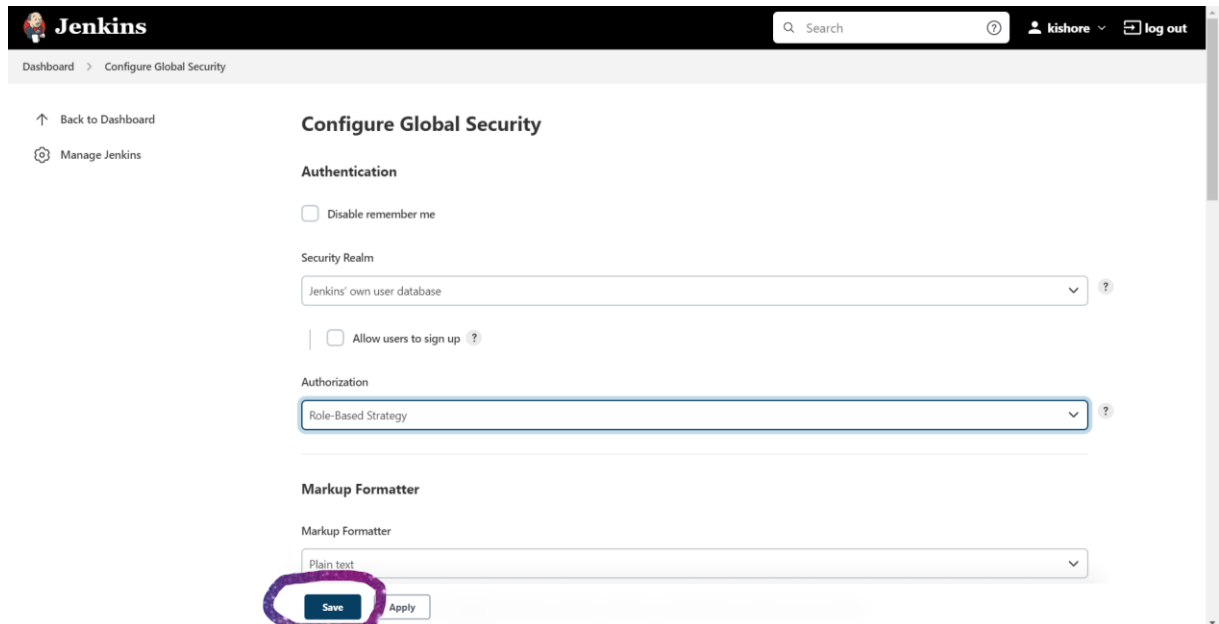
- vi. Click on -> Configure Global Security



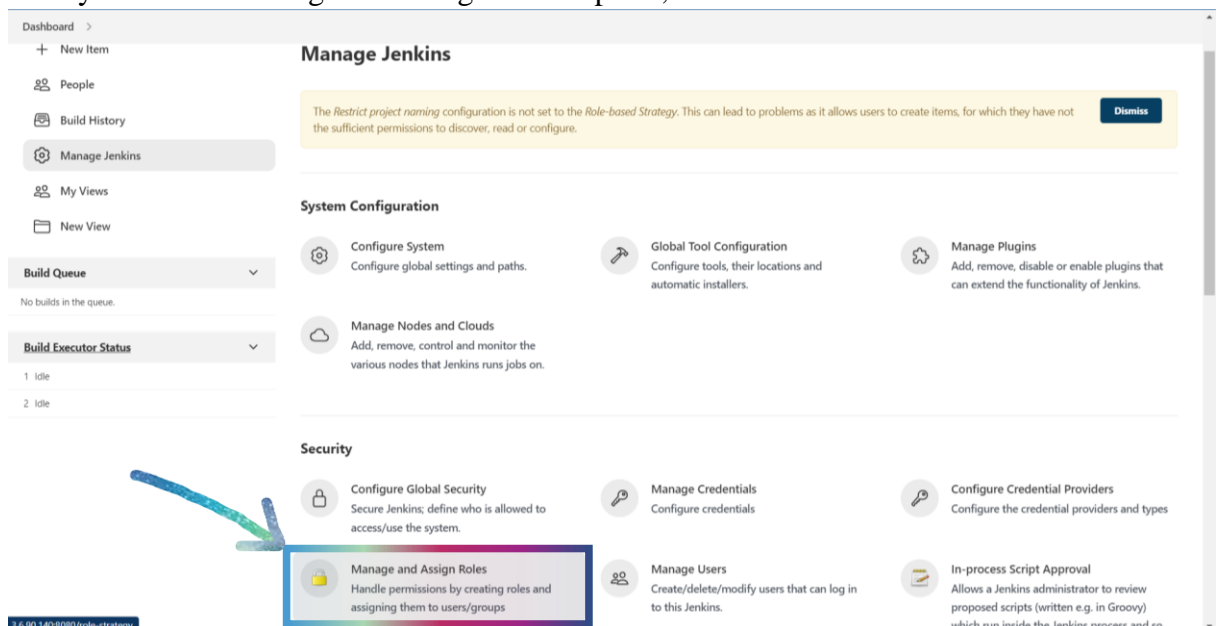
vii. Goto Authentication and Select Role Based Strategy form drop down menu.



viii. Click on -> Save

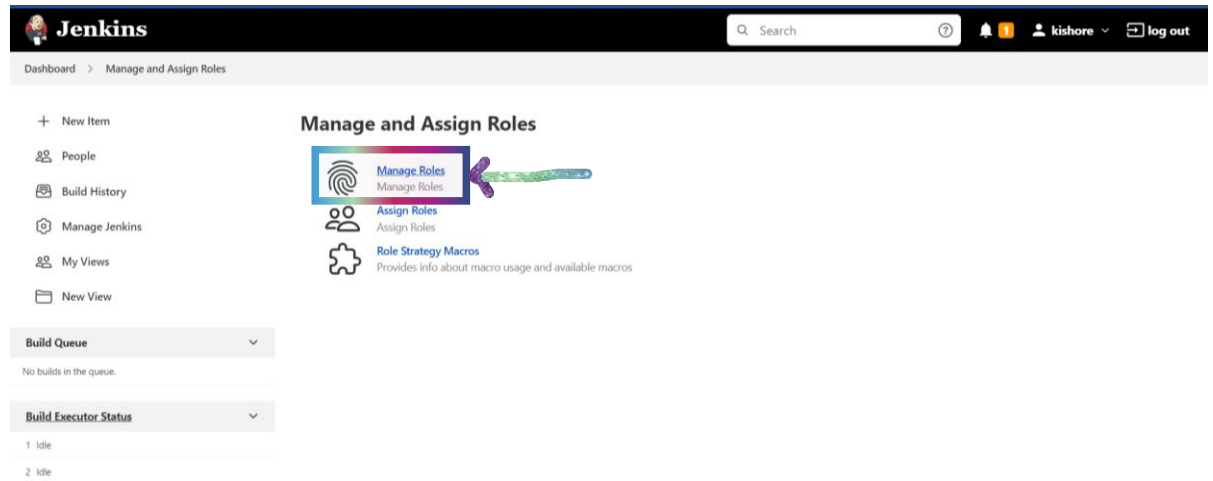


ix. Now you can see Manage and Assign Roles option, click on it



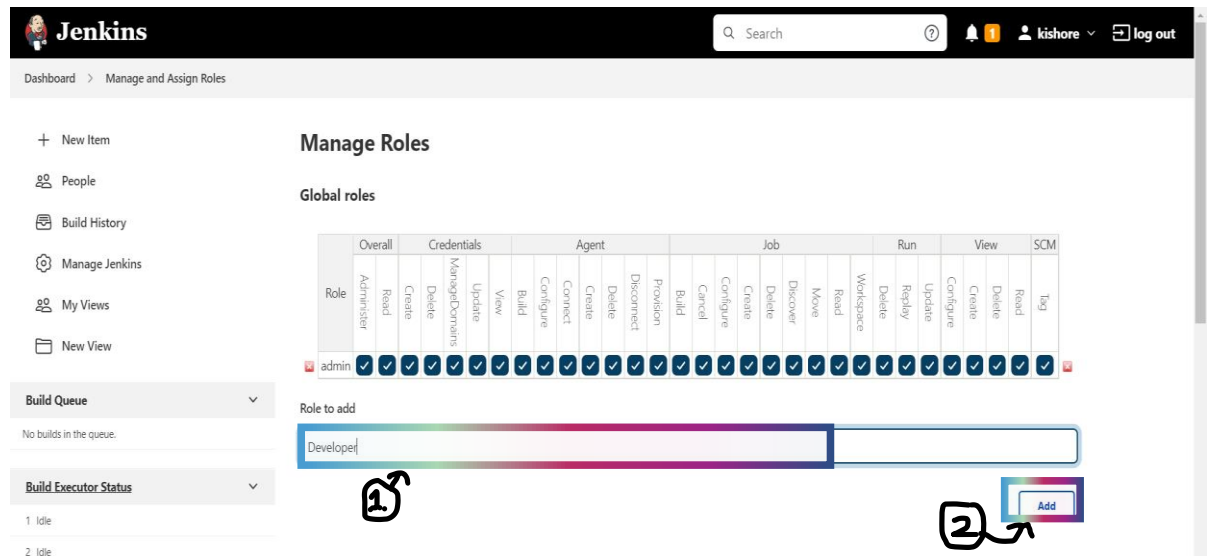
x.

D



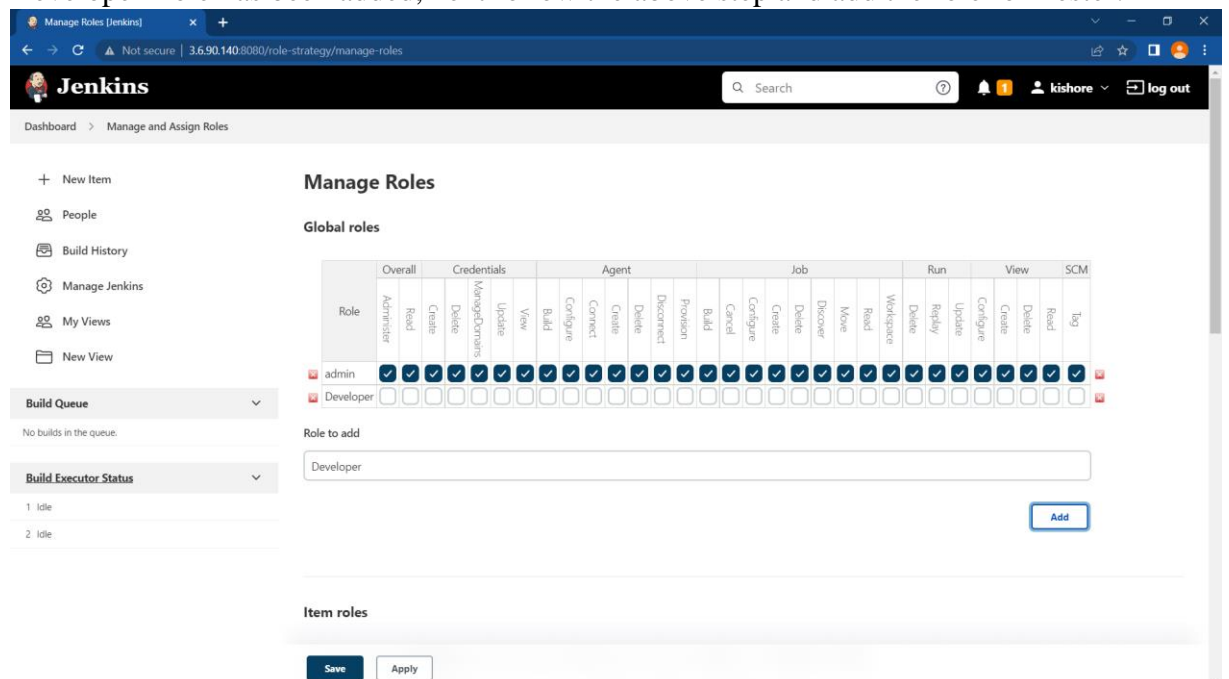
xi.

Enter the role name and click on -> add

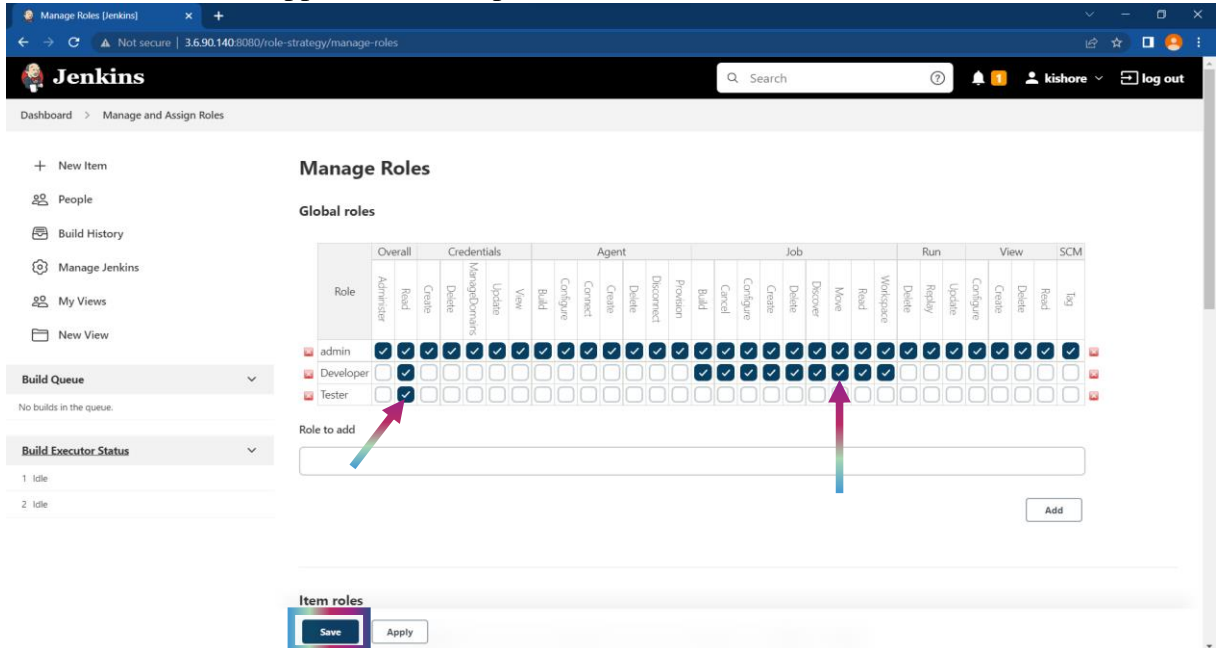


xii.

Developer Role has been added, next follow the above step and add the role for Tester.



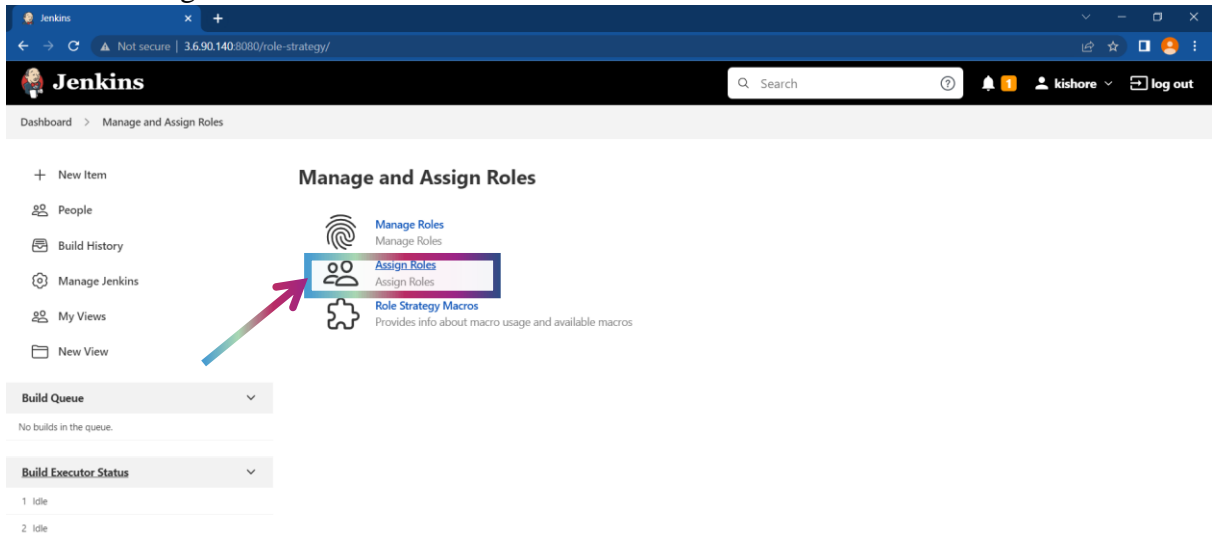
xiii. Check the Tick Box applicable for respected roles and click on Save



The screenshot shows the Jenkins 'Manage Roles' page. The 'Global roles' section contains a table with columns for various permissions: Overall, Credentials, Agent, Job, Run, View, and SCM. Each column has sub-columns for specific actions like Administrator, Read, Create, Delete, Update, View, Build, Configure, Connect, Disconnect, Provision, Cancel, Create, Delete, Discover, Move, Read, Workspace, Reply, Update, Configure, Create, Delete, Read, and Tag. The 'admin' role has all permissions checked. The 'Developer' role has 'Discover' checked. The 'Tester' role has 'Read' checked. A red arrow points to the 'Save' button at the bottom of the 'Global roles' section. Another red arrow points to the 'Add' button at the bottom of the 'Role to add' section.

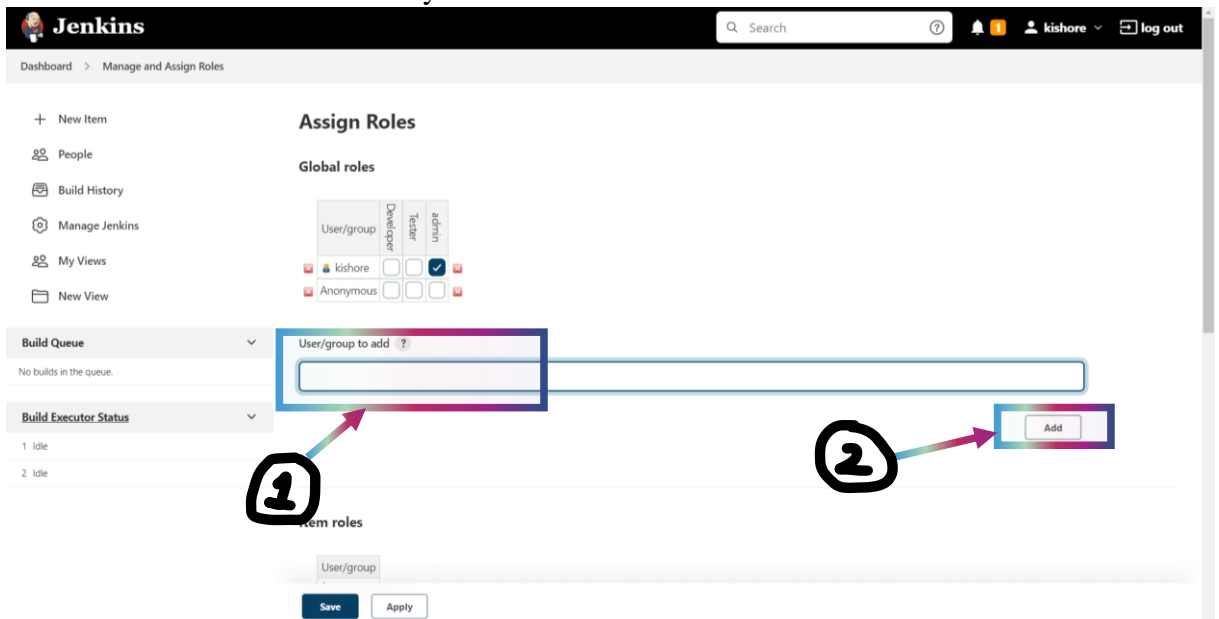
Role	Overall	Credentials	Agent	Job	Run	View	SCM
	Administrator	Read	Create	Delete	Update	View	Tag
admin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Developer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tester	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

xiv. Click on Assign Roles



The screenshot shows the Jenkins 'Manage and Assign Roles' page. The 'Assign Roles' section is highlighted with a red box. A red arrow points to the 'Assign Roles' link. The 'Role Strategy Macros' section is also visible, providing information about macro usage and available macros.

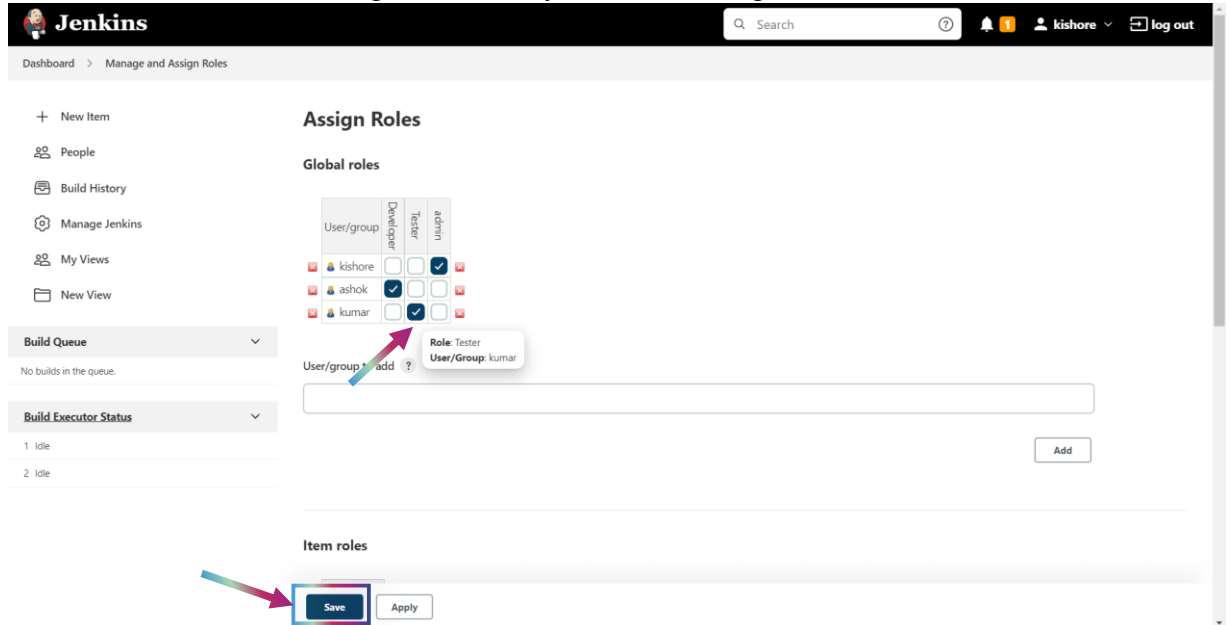
xv. Enter the Users which are already created and click on ADD



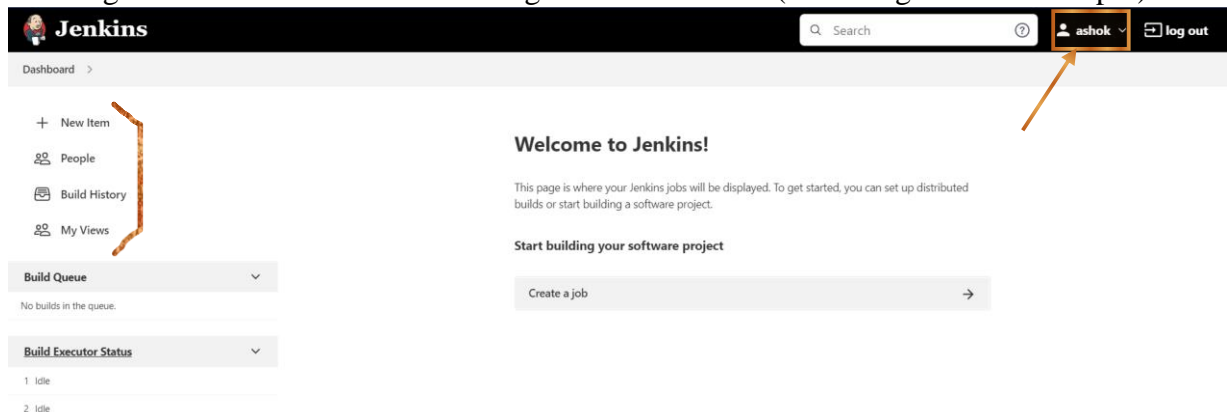
The screenshot shows the Jenkins 'Assign Roles' page. The 'Global roles' section contains a table with columns for 'User/group', 'Developer', 'Tester', and 'admin'. The 'kishore' user has 'Developer' checked. The 'Anonymous' user has 'Tester' checked. A red arrow points to the 'Add' button at the bottom of the 'Global roles' section. Another red arrow points to the 'Add' button at the bottom of the 'Role to add' section. A red circle with the number '1' is placed over the 'User/group to add' input field. A red circle with the number '2' is placed over the 'Add' button.

User/group	Developer	Tester	admin
kishore	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anonymous	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

xvi. Check the Tickbox according to the roles you want to assign for the user and click on Save.

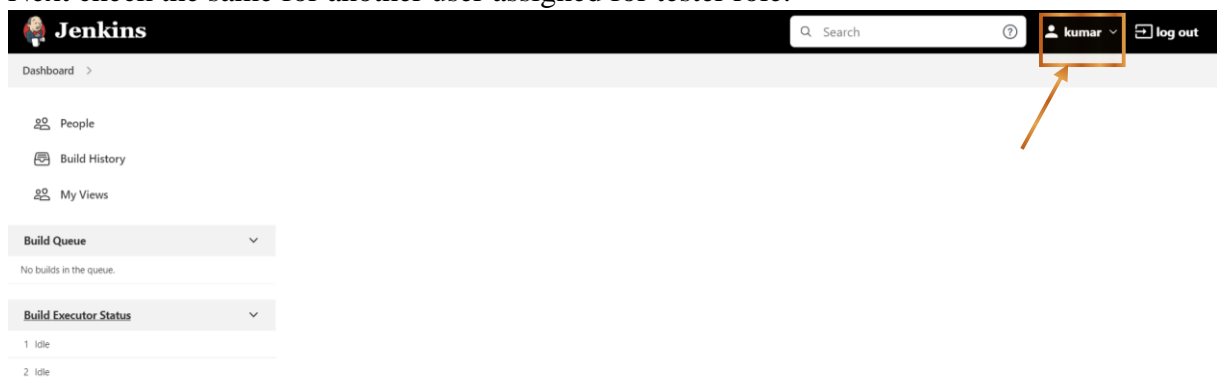


xvii. Now logout from the Admin user and Sign in back as ashok(user assigned for developer)



- As we have only assigned job related permission to developer role, users assigned with this role can only have access to create a job, configure, build..

xviii. Next check the same for another user assigned for tester role.



- For this as we have assigned only Read permission to tester role, user assigned with this role can only have read access.