

Studentapp artifact with maven and host it using jenkins pipeline

Pipeline:-

```
pipeline{
    agent {
        label 'agent3'
    }
    stages{
        stage('Cloning from
git'){ steps{
            sh'''
            sudo git clone 'https://github.com/AnupDudhe/studentapp-ui.git'
            '''
        }
    }
    stage('Maven
Installation'){ steps{
        sh '''
        sudo apt update -y
        sudo apt install maven -y
        '''
    }
}
    stage('Building
artifact'){ steps{
        dir("./studentapp-
ui"){ sh'''
        sudo mvn clean package
        '''
    }
}
}
    stage('Download
tomcat'){ steps{
        sh'''
        sudo wget
https://dlcdn.apache.org/tomcat/tomcat-8/v8.5.99/bin/apache-tomcat-8.5.99.tar.gz
        sudo tar -xvf apache-tomcat-8.5.99.tar.gz
        '''
    }
}
    stage('Moving artifact to
tomcat'){ steps{
        sh'''
        sudo mv ./studentapp-ui/target/*.war ./apache-tomcat-8.5.99/webapps/student.war
        '''
    }
}
    stage('starting
tomcat'){ steps{
        sh'''
        sudo -s ./apache-tomcat-8.5.99/bin/catalina.sh start
        '''
    }
}
}
}
```

Hosted Studentapp by using artifact:-



The screenshot shows a web browser window with multiple tabs. The active tab is titled "User Data" and shows a "Student Registration Form". The form is contained within a rectangular box and includes the following fields and a button:

Student Name	<input type="text"/>
Student Address	<input type="text"/>
Student Age	<input type="text"/>
Student Qualification	<input type="text"/>
Student Percentage	<input type="text"/>
Year Passed	<input type="text"/>
<input type="button" value="register"/>	