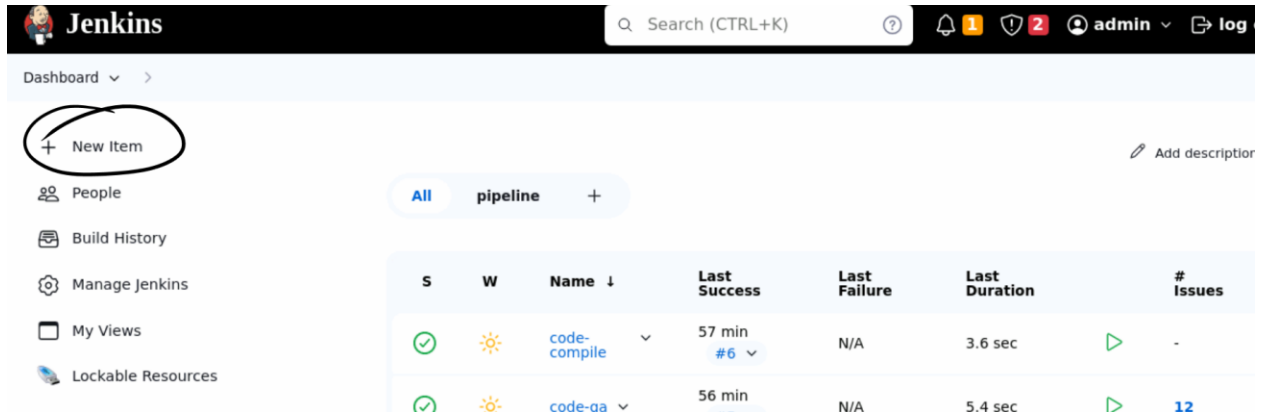
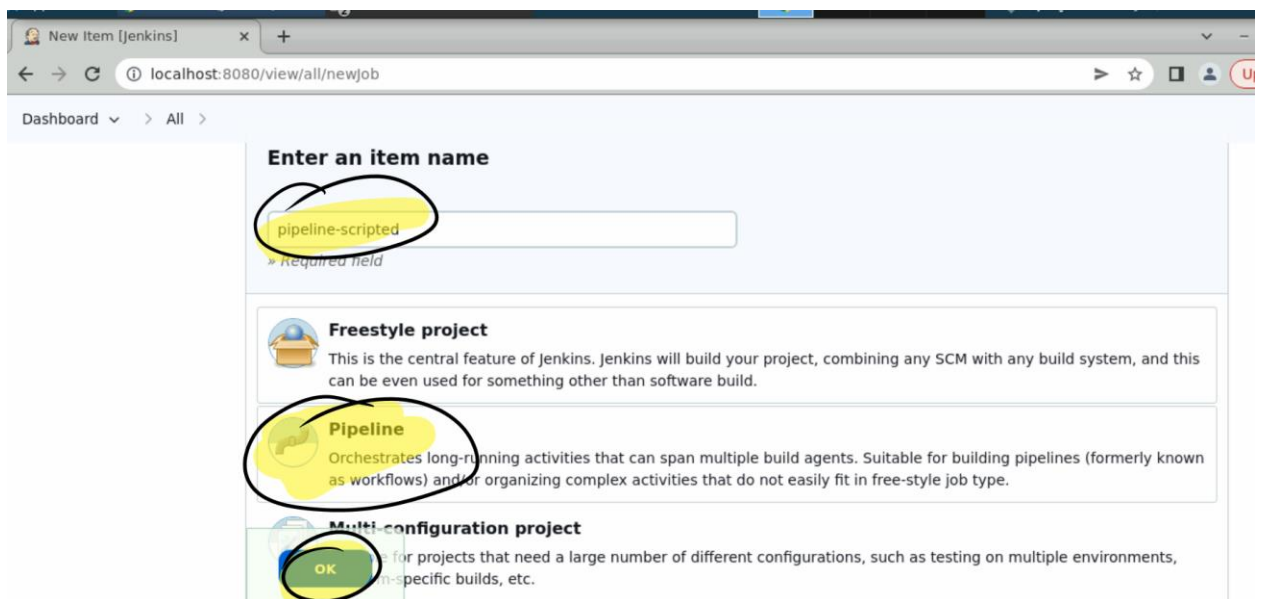


Creating pipeline by writing groovy scripting



The screenshot shows the Jenkins Dashboard. The top navigation bar includes the Jenkins logo, a search bar, and user information (admin). The left sidebar contains links to 'New Item', 'People', 'Build History', 'Manage Jenkins', 'My Views', and 'Lockable Resources'. The 'New Item' link is circled in red. The main content area shows a list of pipelines under the 'pipeline' filter. The table below contains the data for the pipelines.

S	W	Name ↓	Last Success	Last Failure	Last Duration	# Issues
✓	☀	code-compile	57 min #6	N/A	3.6 sec	▶ -
✓	☀	code-aa	56 min	N/A	5.4 sec	▶ 12



The screenshot shows the 'New Item' form in Jenkins. The browser address bar indicates the URL 'localhost:8080/view/all/newjob'. The form has a title 'Enter an item name' and a text input field containing 'pipeline-scripted', which is highlighted in yellow. Below the input field are three options: 'Freestyle project', 'Pipeline', and 'Multi-configuration project'. The 'Pipeline' option is highlighted in yellow and circled in red. At the bottom of the form, there is a green 'OK' button, also circled in red.

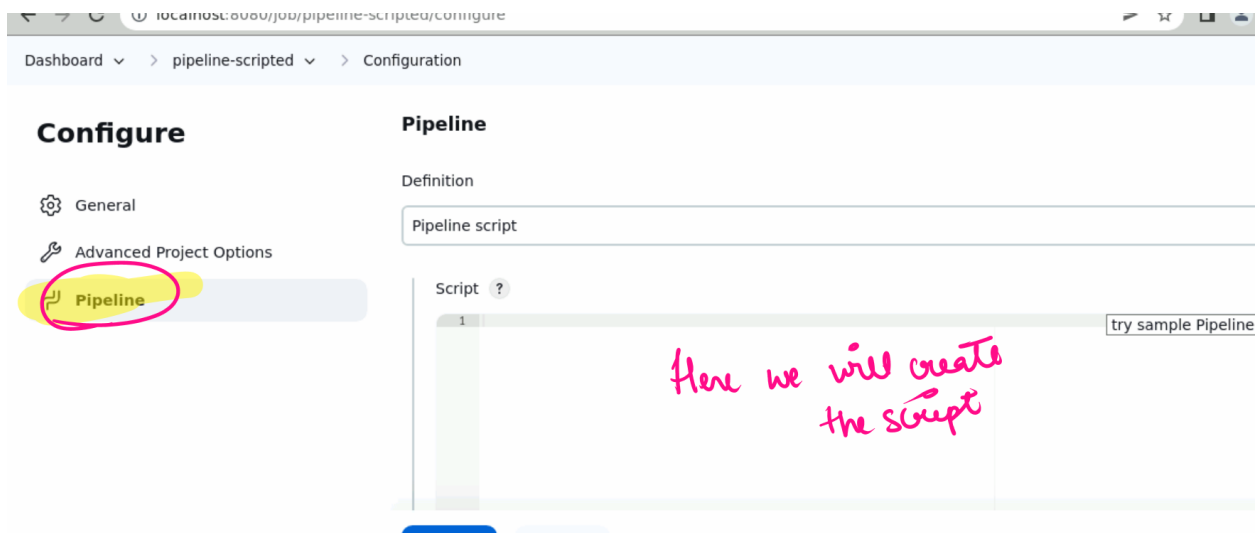
Enter an item name

pipeline-scripted

Freestyle project
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and for organizing complex activities that do not easily fit in free-style job type.

Multi-configuration project
OK



```
pipeline{
  agent any
  stages{
    stage("checkout by akshat"){
      steps{
        git url: 'https://github.com/akshu20791/DevOpsClassCodes'
      }
    }
    stage("codecompile with akshat"){
      steps{
        sh "mvn compile"
      }
    }
    stage("codetesting with akshat"){
      steps{
        sh "mvn test"
      }
    }
  }
}
```

```
}  
stage("codeqa with akshat"){  
  steps{  
    sh "mvn pmd:pmd"  
  }  
}  
stage("package"){  
  steps{  
    sh "mvn package"  
  }  
}  
}
```



```
}
```

Refer:

https://drive.google.com/file/d/1l0Ggd9J8mC9UL7IjT4Vq2PvjWq5CBfZn/view?usp=drive_link for the code written in notepad for your ease

Save the code

Build the code

