

JENKINS PIPELINE TO DOCKER SWARM

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Provisioning Test Page</title>
```

```
  <link href="https://fonts.googleapis.com/css?family=Slabo+27px"
rel="stylesheet">
```

```
  <style type="text/css">
```

```
    body {
```

```
      text-align:center;
```

```
      font-family: 'Slabo 27px', serif;
```

```
      height:100vh;
```

```
    }
```

```
    .vertical-center {
```

```
      position:relative;
```

```
      top:50%;
```

```
      transform: translateY(-50%);
```

```
    }
```

```
    img {
```

```
      width:100px;
```

```
}
</style>
</head>
<body>
  <div class="vertical-center">
    <h1>Fibonacci Generator</h1>

    <p>The number at position <%= index %> is <%= value %></p>
    
  </div>
</body>
</html>
```

HACKABLE:

```
<!DOCTYPE html>
<html>
<head>
  <title>Provisioning Test Page</title>
  <link href="https://fonts.googleapis.com/css?family=Slabo+27px"
rel="stylesheet">
  <style type="text/css">
    body {
      text-align:center;
```

```
font-family: 'Slabo 27px', serif;  
height:100vh;  
}
```

```
.vertical-center {
```

```
    position:relative;  
    top:50%;  
    transform: translateY(-50%);
```

```
}
```

```
img {  
    width:100px;  
}
```

```
#command {  
    width:50%;  
    display: inline-block;  
}
```

```
#stdout {  
    width:50%;  
    display: inline-block;
```

```
}
</style>
</head>
<body>
  <div class="vertical-center">

    
    <h1>Hackable: Code Injection</h1>

    <p>The following command was run on the server!</p>
    <code id="command">
      <%= command %>
    </code>
    <p>This was the result</p>
    <code id="stdout">
      <%= stdout %>
    </code>
  </div>
</body>
</html>
```

POSTS:

```
<!DOCTYPE html>
<html>
```

<head>

<title>Provisioning Test Page</title>

<link href="https://fonts.googleapis.com/css?family=Slabo+27px" rel="stylesheet">

<style type="text/css">

body {

font-family: 'Slabo 27px', serif;

height:100vh;

}

img {

width:100px;

}

.blog {

padding:50px;

}

.post {

padding:20px;

}

</style>

</head>

<body>

```

<div class="blog">
  
  <h1>Recent Posts</h1>
  <hr/>

  <% posts.forEach(function(post){ %>
    <div class="post">
      <h3><%= post.title %></h3>
      <p><%= post.body %></p>
    </div>
  <% }) %>
</div>
</body>
</html>

```

JENKINSFILES:

```

pipeline {
  environment {
    registry = "naistangz/docker_automation"
    registryCredential = "dockerhub"
    dockerImage = "
    PATH = "$PATH:/usr/local/bin"
  }
}

```

```
agent {  
    'docker'}  
stages {  
    stage('Cloning our Git') {  
        steps {  
            git  
            'https://github.com/naistangz/Docker_Jenkins_Pipeline.git'  
        }  
    }  
  
    stage('Building Docker Image') {  
        steps {  
            script {  
                dockerImage = docker.build registry +  
                ":$BUILD_NUMBER"  
            }  
        }  
    }  
  
    stage('Deploying Docker Image to Dockerhub') {  
        steps {  
            script {  
                docker.withRegistry("", registryCredential) {
```

```
        dockerImage.push()  
    }  
}  
}
```

```
stage('Cleaning Up') {  
    steps{  
        sh "docker rmi $registry:$BUILD_NUMBER"  
    }  
}  
}
```