

PRACTICAL 8

Aim - Implementing Amazon Web Service AWS

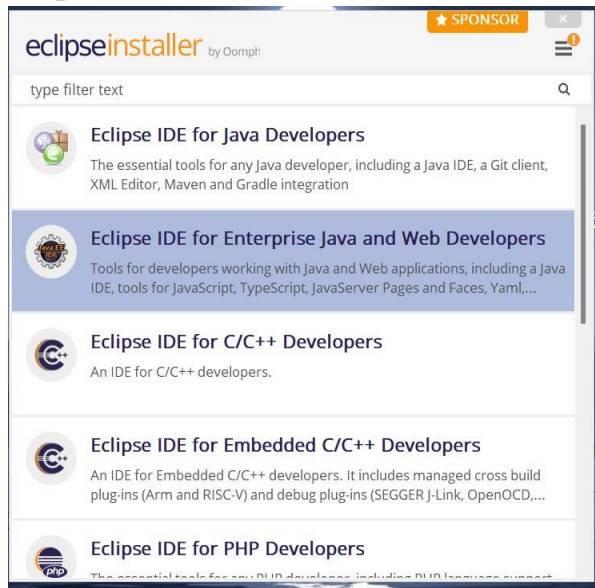
Requirements: - Eclipse installer, tomcat Apache 10.1 v

Steps: -

Step1: -Install tomcat Apache in your pc. install 10.1 version and then execute it Install eclipse from its official website.

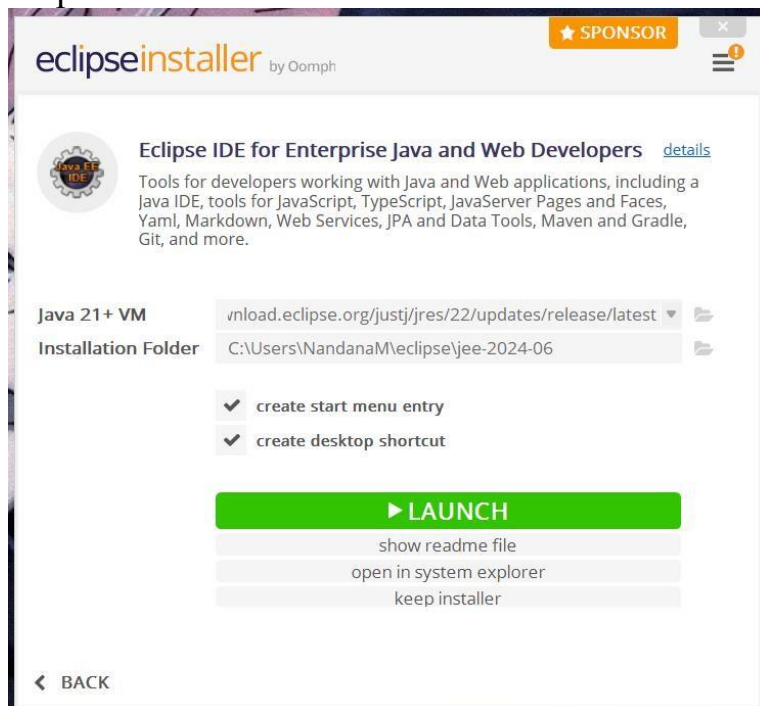
Step2: -Click on

Step3: - Click on Install

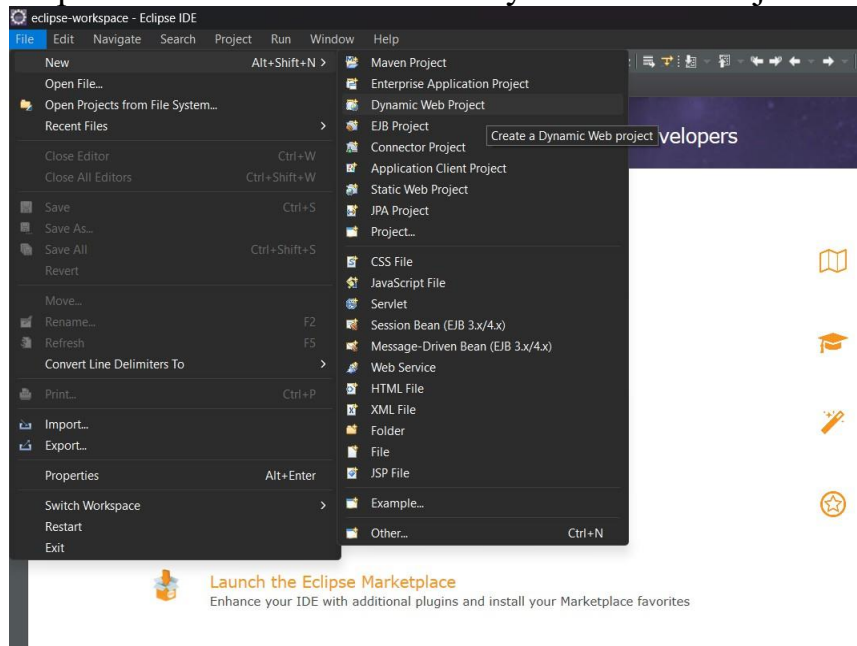


Wait until the installation is completed.

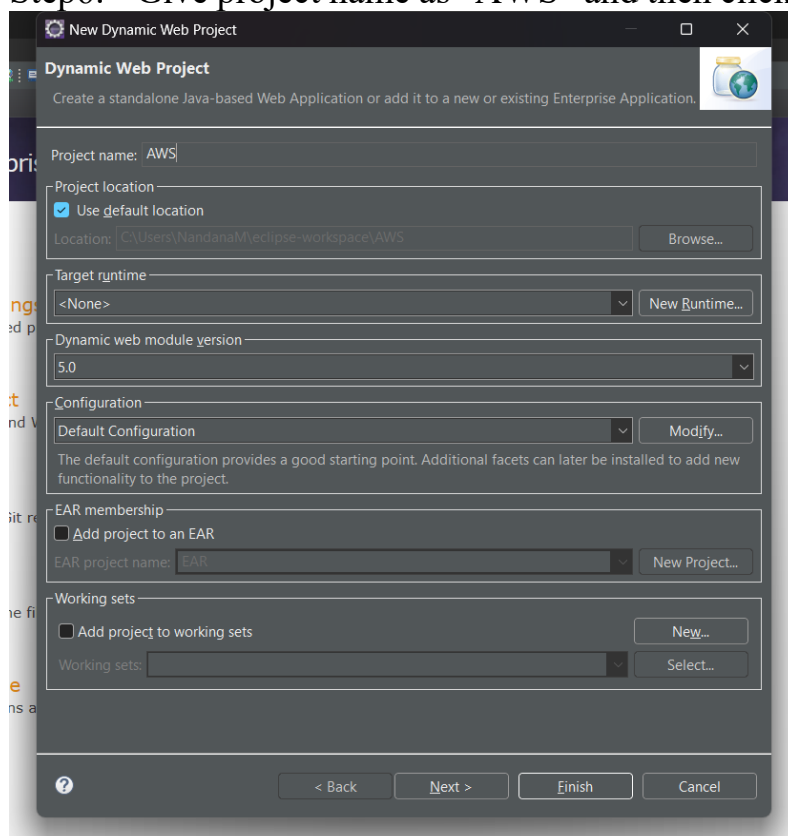
Step4: - Click on Launch



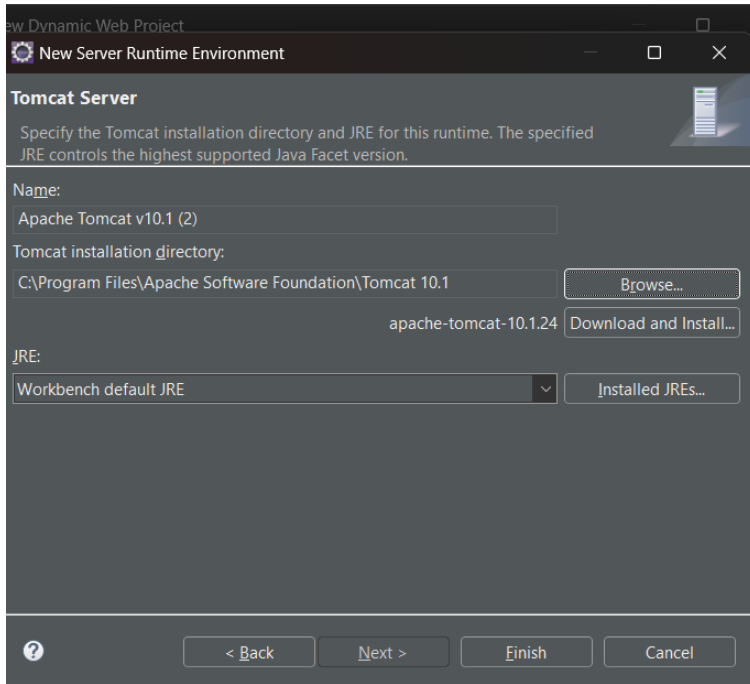
Step5: - Click on File > New > Dynamic Web Project



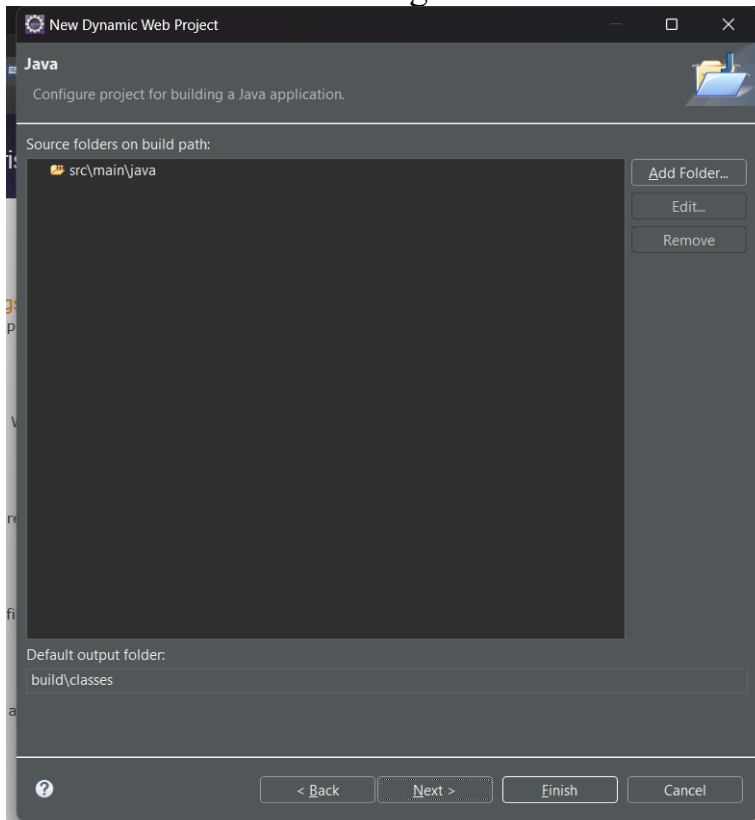
Step6: - Give project name as “AWS” and then click on “Next”



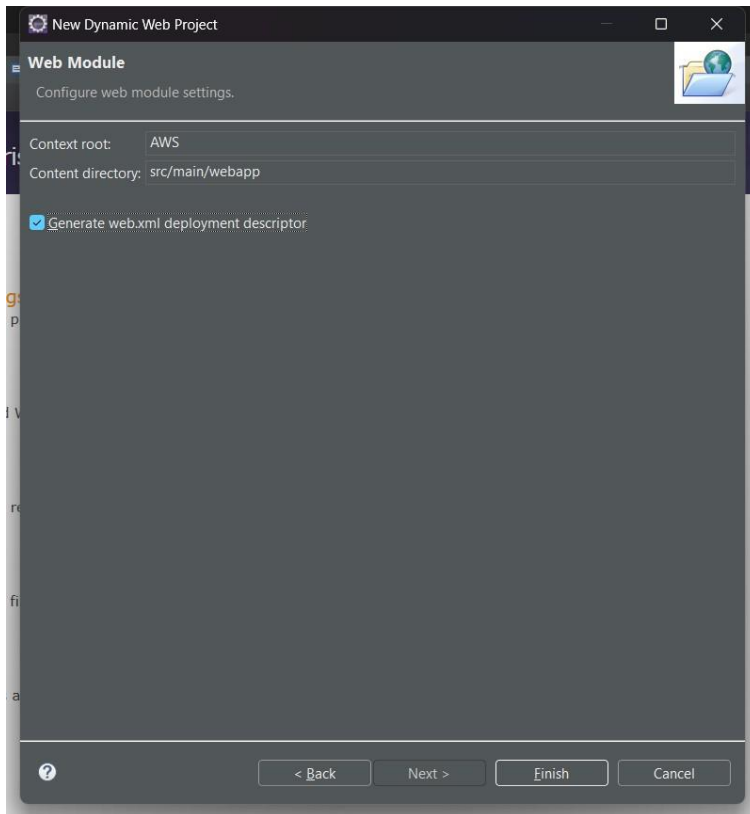
Step7: - Click on Target Runtime > New Runtime > Apache > Apache tomcat v10.1 > Next.



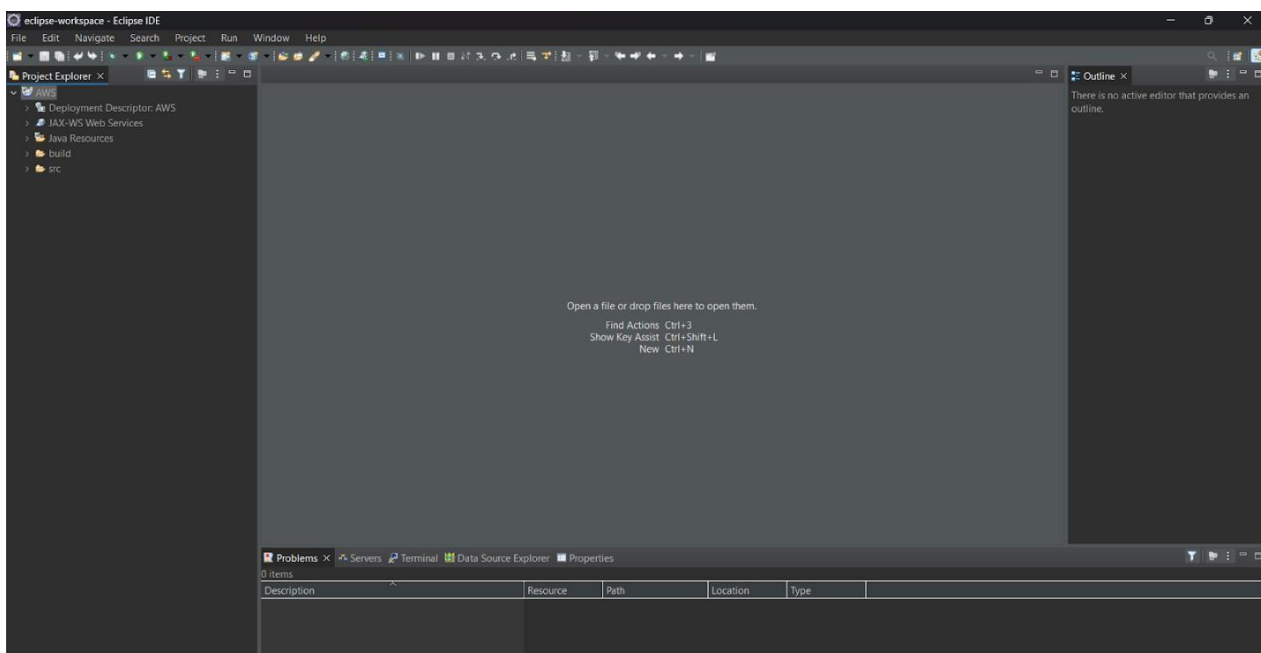
Step8: - Click Browse > C drive > program files > Apache Software foundation > Tomcat 10.1 > Click on Continue > give access Select that and then click “Next”



Step9: - Make sure u tick the checkbox and then click “Finish”

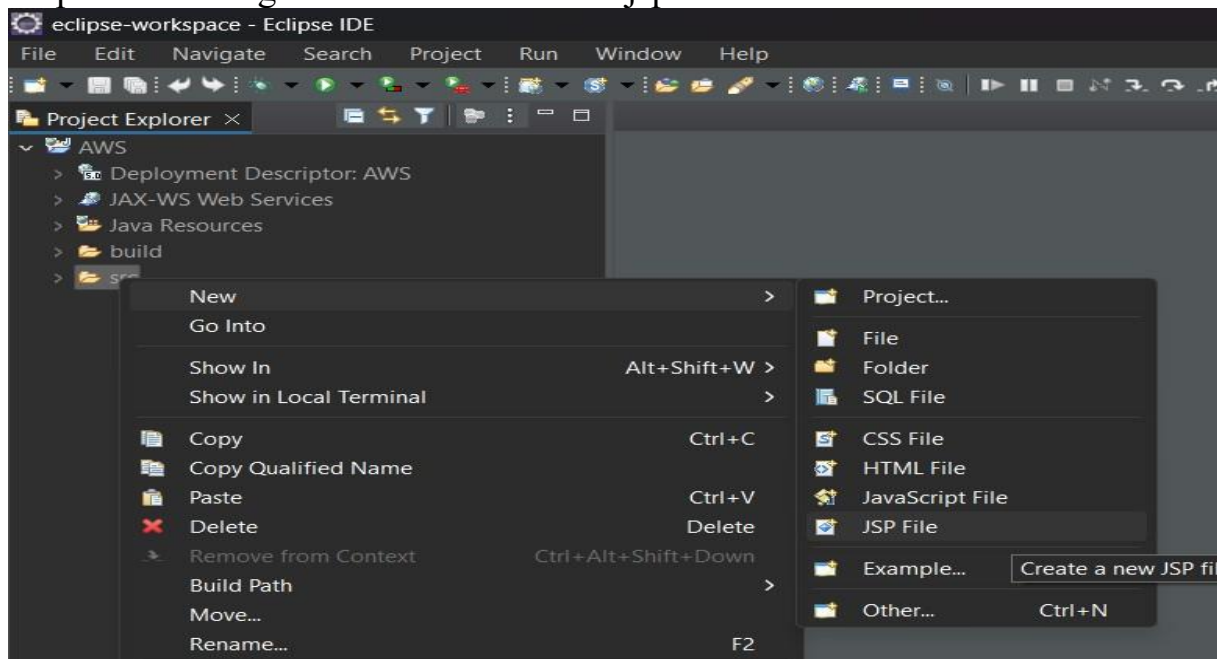


Step10: - You will be navigated to this page.



If u do not see “project explorer” which is on the left-hand-side ...then click on “windows > show view > project explorer

Step11: - Now right click on src > new > jsp file.



Step12: - Create two jsp files ...one as newfile.jsp and the other as fibonacci.jsp

Step13: - To create jsp file Click on jsp file and then name your jsp file if you want then to click next and then finish.

Step14: - Write the code.

```

NewFile.jsp × Fibonacci.jsp × Tomcat v10.1 Server at localhost
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <meta charset="UTF-8">
7 <title>Insert title here</title>
8 </head>
9 <body>
10 <form action="Fibonacci.jsp">
11   Enter a value for n: <input type="text" name="val">
12   <input type="submit" value="Submit">
13 </form>
14 </body>
15 </html>
  
```

```

NewFile.jsp × Fibonacci.jsp × Tomcat v10.1 Server at localhost
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <meta charset="UTF-8">
7 <title>Insert title here</title>
8 </head>
9 <body>
10 <!--
11   int n;
12   String str;
13
14   int fibo(int n) {
15     if(n<2)
16       return n;
17     else
18       return fibo(n-1) + fibo(n-2);
19   }
20 %>
21 <b>Fibonacci series: </b><br>
22 <%
23   str = request.getParameter("val");
24   n = Integer.parseInt(str);
25
26   for(int i=0; i<=n; i++) {
27     out.print(fibo(i) + " ");
28   }
29 %>
30 </body>
31 </html>
  
```

Step15: - Now run the code and check the Output.

Enter a value for n:

Fibonacci series:
0 1 1 2 3 5