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Sl No.	Date	Experiments and Tasks	Tools	Marks	Staff Sign
1		1.Installation of Jira tool and login procedure	Jira Any Browser		
2		Cast the requirement of your project and demonstrate the following using appropriate tools: a) Create and manage product backlog b) Create Sprint with required user stories c)Create UI/UX design for your project	Jira Visily.AI		
3		1.Create a repository named as "GitDemo 　　a) Clone the repository to your local repository 　　b) push a new file to GitDemo. 2. Create a repository named as "GitPro". 　　a) Push a.txt file to a branch named "sub- branch" of the GitPro 　　b) Merge it to main branch 3. Create and launch Linux instances on AWS. 　　a) Alter the default Apache file and display it 4. Create job and built it using Jenkins 5. Create and build pipeline job using Jenkins	Git and GitHub AWS Jenkins		
4		1.Create a form like registration form and feedback form after submit hide created form and enable the display section. 2. Create form validation using JavaScript. 3.Create a simple hello world application using Typescript.	Visual Studio Code		
5		Create a simple login page using React	Visual Studio Code-React		

6		1.Build a maven project Create JPA class using maven	Eclipse-Maven		
7		1.Create Spring application with Spring Initialize using dependencies like Spring Web	Eclipse-Spring boot		
8		1.How to create RESTFUL service. Install Postman. 2.Test created APIs with the help of Postman. 3. Securing REST APIs with Spring Security	Postman Spring Boot		
9		Download and Install MongoDB community and shell. a) Build a connection between Mongo community and shell. b) Create a Database and collections	MongoDB		
10		Perform CURD operations on MongoDB	MongoDB		
11		Demonstrate the following operation in Docker concepts. a) Download the Docker image. b) Create Docker container from Docker image.	Docker		
12		Create a class with function for Payment Simulation Gpay with the function method called "pay", which returns 1 or 0 1:Success payment 0:Failure	Eclipse-Junit		