1. Understand the DevOps cycle. List out all the activities that are done in DevOps along with the tools being used.
2. Learn basic Linux commands. Widen the grip on Linux
3. Install WSL in your system and then install Ubuntu 22.04 on it.
4. Install AWS CLI on ubuntu 22.04 and create an EC2 instance on AWS using AWS CLI.
5. Use AWS CLI to connect, disconnect, start and stop your EC2 instance.
6. Install Jenkins on your EC2 instance
   1. Prerequisites:
      1. Install jdk
      2. Set PATH variable and provide the bin folder location of jdk to the path.
      3. Set JAVA\_HOME variable
      4. Install Jenkins
      5. Set PATH varitable and provice the bin folder location of Jenkins to the path
      6. Install maven (If need to build maven project)
      7. Set PATH variable and provide the bin folder location of maven
      8. Set MAVEN\_HOME variable
7. After installing Jenkins, provide the JAVA\_HOME (and MAVEN\_HOME if required) location in Global tool configuration segment.
8. Build a simple Pipeline to see if it works.
9. Try to build a project using Pipeline from SCM.
10. Try to build a maven project and deploy it on Apache Tomcat Server.
11. Understand the concepts and commands of Git and BitBucket. P.S – Both are almost same.
12. Understand docker, make a list of commands. Try to build some images. Understand the concepts of docker composition, docker build, Dockerfile etc.
13. Create a simple Node project and deploy it on docker using docker container. Tip – Build a docker image of the project and then run the container.