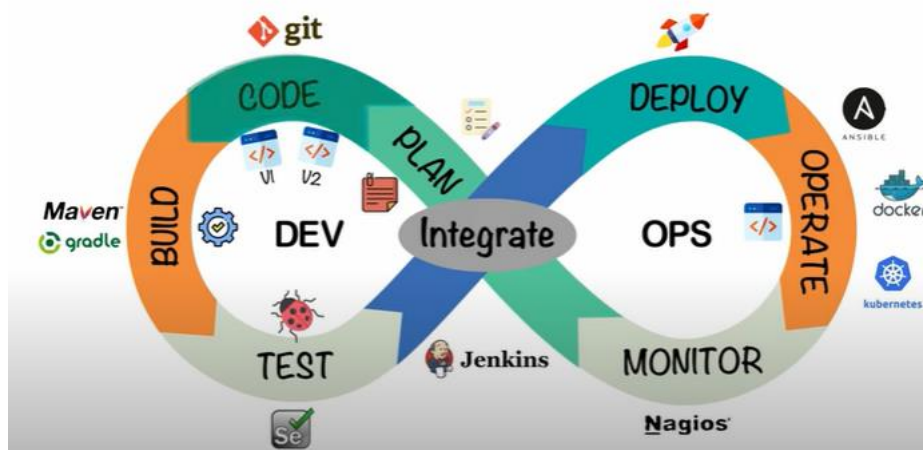Day 01 -Shivam Tyagi

DevOps aims on streamlining the communication between Development Team and Operations team.

DevOps Cycle:

The initial stage we make a plan on how to create an app >>

this idea is then switched back and forth among different versions (using Git)>>

code is then build (using gradle/maven)>>

then it goes to be checked for bugs/automation testing(Using Selenium)>>

With that done , we deploy it ,and it gives control to the Operations Team(prominent tools are K8s and docker)>>

This is now continuously monitored (using Nagios)>>

The feedback received is sent back to planning --- This completes the devOps cycle

Day 01 -Shivam Tyagi

```
PS C:\Users\SHIVAM\Documents\PROJECTS\DevOps\DevOps90\day1> docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
2db29710123e: Pull complete
Digest: sha256:10d7d58d5ebd2a652f4d93fdd86da8f265f5318c6a73cc5b6a9798ff6d2b2e67
Status: Downloaded newer image for hello-world:latest

Hello from Docker!
This message shows that your installation appears to be working correctly.
```

hello-world = Image Name and it was not there in my local system , It takes some amount of time to download it ,

The Client Talks to the Daemon "Hey! Do I have the HelloWorld Image locally "

Its like "No,Go to the Registry and downloads the image"

Once the image is downloaded the HelloWorld Container starts. And the Output is on the Screen "Hello from Docker"