```
[day-I9] Aws, Seleonium
                                                      I
  - online Banking APP -> Login Page. Of Requirements.
    - Cupp working as per requirements.
 * testing
             - Without testing - Fixing Bug a problem
              - nor one to useit, it should be bug free.
   4 Manual
                       automatic
 - missing tob
                    - Need to have Script, Dun against
                       app. - Login, Run au tests.
    Same things again
 - Functional test
                                - Cost Reduction
                                JII,
    Regression test
                               - Devops doesn't need to go
   Whit-test
                                  for testing
      ( Static Code analysis)
* Selenium: - Support mutiple programming lang
     - it's for Browser based app.
    - Robo - kind of.
   Open source tool - Alm ( G Best tool for Functional
    Good Performance
                                  programming
    Programming Long. - Operating system -
* Component of Selenium.
                                              - 3. X
                                web driver
                 Selenium)
                 Swite
                                 - automat web app testing
                                 - Fire box, Safari.
  Regression testing -
                       _ It should not disturb other
                           Part of app. after Fix.
    Gelenium ( 80 ript test NG ( Next Generation)
                            ( Reports 2)
                          Li Culumber (integration with
                                             Seleum)
      LAIRIANISTAR
```

*	Addressbook -> http:// Localhost:80801
	Lo Add New Contact - First Name: Rajat Last Name: a -> Save. Selenium should do that
	gwt-vid-4" - For every element.
-	945tem. SetProperty ("webdriver. Chrome, driver", "E: 11 11 cromedrive exe") driver. get ("URL: 11 address book")
	6 driver goes & finds element
	driver. find Element (By. id("").
	* Reference Library - Import (Reference Libraries) - Selenium - Server - Standalone. jar.
*	testucr
	L @Before Method public_
	@ Before Class Public Nord Class (2)
	Lo test-output - testing-results.xml
	La acreates report out of the statics.
ا د	Export - Rumable jour file (with selenium code)
	C:11 address / ravi. jar (packaged Rusmable)
	· Jur - Clicic - open the Brower - Righthe test-
	Generate, jot fire - give to jenicins - and in git
K	Jenkins -
	execute: jar = 1 java - jar [jenkins.jar] * AWS *
	On demand delivery - In organization, we a need more time for resources.
_	pay as you use. (coupre of crick & um is ready).

```
(3)
- Cloud increase server, CPV - you don't need any other
                                   Stuff.
    IAAS (Infraspure asa Service) - to aun a
                      (ECRI UM)
                                         CAD. - Information
      - Cloud (Kubernetes Aus, or gogle)
    - & you need insusture and croud provides you.
  [ Plateform as service]
      database eng. 2 croud, cloud offer prouteform (plateform), host data as a senice [getdata &
     Create scheme, a table 2 every thing
   * gostware as senice - monitoring, mairing or
     Function as a genice - ( generiess)
* Aws - Devops, machine learning, media person.

§ Network, media, services for aug
  ECZ ( - create image - convert as image-
        another services 7, take 05
                                             - instell Ansible
  - Load Barancher -
                                               Gereate an J
          (service)
* Deveoper tools: | Elastic Container Service
                      (manage container better)
   Create Cluster -
              Eca Linux + Networking
      - name: abcd
         Ecz tupe: t3a. micro. ( taa. micro) + t3. micro
          Number instances: [2]
                                     -master nocle manged
                                        by AWS.
            Storage: 22
                                     I node manged by Ecz.
            reypoir: 1
       Creare Savarm Sor you. Comanager node, you
                                   cam't see)
 - you can see
  fack detination: pommant consainer
           (Forguse) Hous (manages everything)
                          - create container for you e
                             adds to your cluster.
         took memory:
  - auto memory increase ( no need to warry about
                                    Claster)
  EKS ( Kubernetes genes). (erantic Kubernetes)
         cluster ouri
                                               - Object redt
                        (everything)
    - post was waster
```

STORUME: GZ (CAMARIO STORUME SEMIAMA) (OCCUPANT

```
patubase:
       Developers tools
        - Code Commit (git hubo talpository)
        you can create a Fire)
  * Amazon gizhub raepository
                                         Code Commit
        git clone & http:11 -
   ( Amazon hosted Senvice) - git Command
     Code Build (Breind)
     Deproy: code deproy.
     Pipeline -
 Iam (creede user)
   NET OUTIC: NPC (Virtual Porvate Croud)
                 - host cappl. → how to get zip?
    Subnets: to get 2P address
- (purchase ip address.)
          Formation: 2 infrastructure Developer
  Croud
              (croud orchitect.
 - template pereparation (whatever code you need)
   Prostole or terraform ( Aws Croud Formation)
* EKS( elastic Kubernetes Services) -
                 * Croogle Cloud *
    ECZ & VMI Imstances.
    (Cubernetes Engine (Create Cruster)
           U Node - how many - default (3)
                    - 05
                      Space
  - how to login to master.
    VPC Rue - Firewait Rues
                         Is all-traffics ( security group)
         while decessing
                         - parron event fourtic
            app to out
                         - IP ranges, Service account
 Eusecti get nodes. Ju not master.

6 shows only node J kubecti run ravipod --
```

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