

Shell Scripts:

1. Task: Add a user

```
db.users.insertOne(  
  {  
    user_id: "aayush_patel",  
    name: "aayush",  
    email_id: "aayush_patel@gmail.com",  
  
    password: "123456",  
    contact_info:  
    {  
      email: "aayush_patel@gmail.com"  
    }  
  }  
)
```

1. Task: Create new post

```
db.posts.insert(  
  {  
    user: ,  
    description: ,  
    time: new Date()  
  }  
)
```

2. Task: Push a hashtag associated with the post:

```
db.posts.update({ _id: ObjectId("60f073a526065893f1cb4e03") }, { $push: { hashtags: "" } })
```

3. Task: Find Hashtag document :

```
db.hashtags.find({name:""}).pretty()
```

4. Task: Insert new hashtag

```
db.hashtags.insertOne(  
  {  
    name: "",  
    posts: [],  
    followers: []  
  }  
)
```

)

5. Task : Add post to an existing hashtag

```
db.hashtags.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: {  
posts: ObjectId("60f064e3ad1074b645a883eb") } })
```

6. Task: Add update to the activity array

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "" } })
```

7. Task: Edit a post

```
db.posts.update({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { $set: { field: "" } })
```

9. Search for a profile of particular user_id

```
db.users.find({ user_id: "" }).pretty()
```

10. Add user to the likes array when he likes a post

```
db.posts.update({ name: "60f064e3ad1074b645a883eb" }, { $push: { likes:   
ObjectId("60f064e3ad1074b645a883eb") } })
```

11. Remove user from the likes array when he unlikes a post

```
db.posts.update({ name: "60f064e3ad1074b645a883eb" }, { $pull: { likes:   
ObjectId("60f064e3ad1074b645a883eb") } })
```

12. Search for a profile of particular user_id

```
db.users.find({ user_id: "" }).pretty()
```

13. Insert user id in connection request array

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { $push: {   
connection_requests: ObjectId("60f064e3ad1074b645a883eb") } })
```

14. Task: Insert connection request notification in activity array.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "There is a new connection   
request" } })
```

15. Task: Accept the connection request.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: {
connections.user_id: ObjectId("60f064e3ad1074b645a883eb") } })
```

16. Task: Remove the request from connections requests

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $pull: {
connection_requests: ObjectId("60f064e3ad1074b645a883eb") } })
```

17. Task: Insert connection confirmed notification in activity array of both sender and receiver.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "The request you sent has
been accepted" } })
```

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "You are connected to the
user xyz by accepting the request" } })
```

18. Task: Insert a comment in a post.

```
db.posts.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: {
comments.user_id: ObjectId("60f064e3ad1074b645a883eb"), comments.likes: 0,
comments.time: new Date() } })
```

19. Task: Insert comment notification in activity array of the user posting.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "New comment on a post"
} })
```

20. Task: Save a post.

```
db.posts.update({ _id: ObjectId("60f073a526065893f1cb4e03") }, { $push: {
saved_posts: ObjectId("60f064e3ad1074b645a883eb") } })
```

21. Edit profile introduction:

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $set: { introduction: "Hey there i am using
linkedin" } })
```

22. Modify profile photo:

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $set: { profile_photo: "LINK_of_photo" } })
```

23. Modify wall photo:

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $set:{wall_photo:"LINK"}})
```

24. Like a comment:

```
db.posts.update({_id: ObjectId("60f073a526065893f1cb4e03")},{ $push:{"comments.likes":"user_id"}})
```

25. Change visibility settings:

```
db.posts.update({_id: ObjectId("60f073a526065893f1cb4e03")},{ $set:{visibility:true}})
```

26. Change open_to setting:

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $set:{open_to:"Hiring"}})
```

27. Mute a user:

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe"),"connections.user_id":"aayushh11",  
  { $set:{"connections.mute_status":true}})
```

28. Insert page id into users followed pages:

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{"pages_followed":ObjectId("60f064e3ad1074b645a883eb")}})
```

29. Insert user_id into page's follower list

```
db.pages.update({_id:ObjectId("60f073a526065893f1cb4e03")},{ $push:{"followers":ObjectId("60f05df226065893f1cb4dfe")}})
```

30. Insert a hashtag id into users followed hashtag array:

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{"pages_followed":ObjectId("60f064e3ad1074b645a883eb")}})
```

31. Insert user_id into hashtag's follower list

```
db.pages.update({_id:ObjectId("60f073a526065893f1cb4e03")},{ $push:{"followers":ObjectId("60f05df226065893f1cb4dfe")}})
```

32. View a given page:

```
db.pages.find({_id:ObjectId("60f08b3a26065893f1cb4e04")}).pretty()
```

33. Insert a new page

```
db.pages.insert({name:"Microsoft"})
```

34. Edit pages name:

```
db.pages.update({_id: ObjectId("61052fb7870af319ae1f1003")},{ $set:{name:"Amazon"}})
```

35. Edit profile photo:

```
db.pages.update({_id: ObjectId("61052fb7870af319ae1f1003")},{ $set:{profile_photo:"LINK"}})
```

36. Edit wall photo:

```
db.pages.update({_id: ObjectId("61052fb7870af319ae1f1003")},{ $set:{wall_photo:"LINK"}})
```

37. edit page password

```
db.pages.update({_id: ObjectId("61052fb7870af319ae1f1003")},{ $set:{password:"123456789"}})
```

38. Edit page description:

```
db.pages.update({_id: ObjectId("61052fb7870af319ae1f1003")},{ $set:{about:"Hello this is Amazon Corporation"}})
```

39. Edit page contact info:

```
db.pages.update({_id:ObjectId("61052fb7870af319ae1f1003")},{ $set:{phone:"9824088779",email:"contactus@amazon.in",website:"www.amazon.in"}})
```

40. Change mute settings of a page:

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe"),"pages_followed.name":"Amazon"},{ $set:{visibility:true}})
```

41 Task: Change privacy setting for profile visibility to on or off.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $set:{profile_visibility:"True"}})
```

42. Task: Change privacy setting for head visibility to on or off.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $set:{head_visibility:"True"}})
```

43. Task: Change privacy setting for article visibility to on or off.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $set:{article_visibility:"True"}})
```

44. Task: Change privacy setting for education visibility to on or off.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $set:{edu_visibility:"True"}})
```

45. Task: Change privacy setting for details visibility to on or off.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $set:{details_visibility:"True"}})
```

46.Task: Add education of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{education.degree:"",  
education.start_date:"", education.end_date:"", education.school:"", education.description:"",  
education.cgpa:"", education.field_of_study:""}})
```

47.Task: Create a post for a new education update.

```
db.posts.insert({ user:"madhav_choksi" , description:"I have added new education field in my profile, go  
check it out.",time: new Date()})
```

48.Task: Education field addition to be added in activity array.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity:"A new education field has  
been added." } })
```

49.Task: Add work experience of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{background.work_exp.title:"",  
background.work_exp.start_date:"", background.work_exp.end_date:"", background.work_exp.company:"",  
background.work_exp.description:"", background.work_exp.industry:"",  
background.work_exp.working_status:"", background.work_exp.emp_type:""}})
```

50.Task: Create a post for a new work experience update.

```
db.posts.insert({ user:"madhav_choksi" , description:"I have added new work experience in my profile, go  
check it out.",time: new Date()})
```

51.Task: Education field addition to be added in activity array.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity:"A new work experience  
has been added." } })
```

52.Task: Add license and certification of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{license.title:"",  
license.validTill_date:"", license.authority:"", license.description:""}})
```

53.Task: Create a post for a new education update.

```
db.posts.insert({ user: "madhav_choksi", description: "I have added new license/certificate field in my profile, go check it out.", time: new Date() })
```

54.Task: License/certification field addition to be added in activity array.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "A new licence or certificate has been added." } })
```

55. Task: Add volunteer experience of a user.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { $push: { background.vol_exp.title: "", background.vol_exp.start_date: "", background.vol_exp.end_date: "", background.vol_exp.organisation: "", background.vol_exp.description: "", background.work_exp.working_status: "" } })
```

56. Task: Create a post for a new work experience update.

```
db.posts.insert({ user: "madhav_choksi", description: "I have added new volunteer experience in my profile, go check it out.", time: new Date() })
```

57. Task: Volunteer experience addition to be added in activity array.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "A new volunteer experience has been added." } })
```

58. Task: Add a skill of a user.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { $push: { skill: "" } })
```

59. Task: Add course of a user.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { $push: { accomplishments.courses.course_name: "", accomplishments.courses.course_code: "", accomplishments.courses.association: "" } })
```

60. Task: Create a post for a new work experience update.

```
db.posts.insert({ user: "madhav_choksi", description: "I have completed a course, go check it out.", time: new Date() })
```

61. Task: Volunteer experience addition to be added in activity array.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "A new course accomplishment has been added." } })
```

62. Task: Add publication of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{accomplishments.publications.title:"",  
accomplishments.publications.publication_date:"", accomplishments.publications.coauthor:"",  
accomplishments.publications.description:"",  
accomplishments.publications.url:"",  
accomplishments.publications.publisher:""}}})
```

63. Task: Create a post for a new publication update.

```
db.posts.insert({ user:"madhav_choksi", description:"I have published a paper, go check it out.",time: new  
Date()})
```

64. Task: Volunteer experience addition to be added in activity array.

```
db.users.update({_id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity:"A new publication has  
been added." } })
```

65. Task: Add patent of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{accomplishments.patents.patent_title:  
"", accomplishments.patents.patent_no:"", accomplishments.patents.patent_office:""}}})
```

66. Task: Create a post for a new patent update.

```
db.posts.insert({ user:"madhav_choksi", description:"I have owned a patent on my name, go check it  
out.",time: new Date()})
```

67. Task: Patent addition to be added in activity array.

```
db.users.update({_id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity:"A new patent has been  
added." } })
```

68. Task: Add a project of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{accomplishments.projects.title:"",  
accomplishments.projects.start_date:"", accomplishments.projects.end_date:"",  
accomplishments.projects.description:"", accomplishments.projects.association:""}}})
```

69. Task: Create a post for a new project update.

```
db.posts.insert({ user:"madhav_choksi", description:"I have accomplished a project, go check it out.",time:  
new Date()})
```

70. Task: Project addition to be added in activity array.


```
db.users.update({_id: ObjectId("60f05df226065893f1cb4df5")},{ $push: { activity:"A new project has been added." } })
```

71.Task: Add a award of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{awards.title:"", awards.date:"", awards.authority:""}})
```

72.Task: Create a post for a new award update.

```
db.posts.insert({ user:"madhav_choksi", description:"I have been awarded, go check it out.",time: new Date()})
```

73.Task: Award addition to be added in activity array.

```
db.users.update({_id: ObjectId("60f05df226065893f1cb4df5")},{ $push: { activity:"A new award has been added." } })
```

74.Task: Add a test score of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{accomplishments.test_scores.title:"", accomplishments.test_scores.date:"", accomplishments.publications.description:"", accomplishments.test_scores.association:"", accomplishments.test_scores.score:"", accomplishments.test_scores.maxscore:""}})
```

75.Task: Create a post for test update.

```
db.posts.insert({ user:"madhav_choksi", description:"I have achieved a good score, go check it out.",time: new Date()})
```

76.Task: Test score addition to be added in activity array.

```
db.users.update({_id: ObjectId("60f05df226065893f1cb4df5")},{ $push: { activity:"A new test score has been added." } })
```

77.Task: Add a language of a user.

```
db.users.update({_id:ObjectId("60f05df226065893f1cb4dfe")},{ $push:{accomplishments.languages.language:"", accomplishments.languages.proficiency_level:""}})
```

78.Task: Create a post for test update.

```
db.posts.insert({ user:"madhav_choksi", description:"I have learned a language, go check it out.",time: new Date()})
```

79.Task: Language addition to be added in activity array.

```
db.users.update({ _id: ObjectId("60f05df226065893f1cb4df5") }, { $push: { activity: "A new language has been added." } })
```

80. Task: Save a post.

```
db.posts.update({ _id: ObjectId("60f073a526065893f1cb4e03") }, { $push: { saved_posts: ObjectId("60f064e3ad1074b645a883eb") } })
```

81. Task: Save a job.

```
db.posts.update({ _id: ObjectId("60f073a526065893f1cb4e03") }, { $push: { saved_jobs: ObjectId("60f064e3ad1074b645a883fk") } })
```

82. View Notifications:

```
db.users.find({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { notifications: 1 })
```

83. View My_items:

```
db.users.find({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { my_items: 1 })
```

84. View Activity:

```
db.users.find({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { activity: 1 })
```

85. Push user_id to applicants array:

```
db.jobs.update({ _id: ObjectId("61052fb7870af319ae1f1003") }, { $push: { applicants: ObjectId("60f05df226065893f1cb4dfe") } })
```

86. Push job_id to my_jobs array of the user:

```
db.jobs.update({ _id: ObjectId("60f05df226065893f1cb4dfe") }, { $push: { my_jobs: ObjectId("61052fb7870af319ae1f1003") } })
```