Practical – 5 AWS RDS Connection

* Steps for creating RDS Database

1. Select RDS service from service option under database services
2. Select option create database
3. Choose database creation method (starandard)
4. Select appropriate database engine option (aurura, mysql,sql server,mariadb,postgresql,oracle,
5. Select database engine version
6. Select template
7. Name the DB-instance identifier
8. Set master username and password for RDS database
9. Select the size of db instance (processor capacity)
10. Select the storage capacity availability and durability of database.
11. Select accessibility options (public – accessible or not)
12. Select the security group for database instance
13. select the protocol and port number .
14. Open Additional Configuration , set the database name.
15. Set the backup configuration .
16. set no of days for creating backup
17. Click on create database.
18. After database is created , it generated endpoint url – which is used uniq for database instance and it is used to connect with web server

* Create a Web server

1. Create EC2 instance
2. Connect with EC2 instance
3. install Apache in EC2 instance
4. install php , php-mysql in EC2 Instance (if php and mysql is used )
5. Set file permission for apache webserver
6. Add newgroup called www. Sudo groupadd www
7. Add ec2 instance user to created group

$Sudo usermod –a –G www <username>

1. Login out and login again to ec2 instance
2. Change directory permission of /var/www

Sudo chmod 2775 /var/www

1. find /var/www -type d -exec sudo chmod 2775 {} /;

**create a php page on EC2 instance which display the data from the RDS instance**