**Day-10\_AWS\_Assignment**

**(Identity and Access Management)**

1. **What is CloudTrail in AWS. Why is it used?**
2. **What’s AWS IAM, and why is it used?**
3. **What are the key capabilities provided by AWS IAM?**
4. **What are the different identities provided by IAM?**
5. **What is AWS account root user?**
6. **What are some best practices to manage access to AWS resources?**
7. **What are the key elements in the JSON schema of a policy?**
8. **What are AWS policies?**
9. **What is AWS IAM Role, IAM User and IAM Policy?**
10. **What happens with below Policy?**

|  |
| --- |
| { |
|  | "Statement":[{ |
|  | "Effect":"Allow", |
|  | "Action":["s3:ListBucket","s3:GetObject","s3:GetObjectVersion"], |
|  | "Resource":["arn:aws:s3:::my\_bucket/\*","arn:aws:s3:::my\_bucket"] |
|  | } |
|  | ], |
|  |  |
|  | "Statement":[{ |
|  | "Effect":"Allow", |
|  | "Action":["s3:ListAllMyBuckets"], |
|  | "Resource":"\*", |
|  | "Condition": {} |
|  | } |
|  | ] |
|  | } |