Example 1:

```
{
    "Version": "2012-10-17",
    "Statement":
    [
      {
        "Effect":"Allow",
        "Action":[
            "s3:PutObject",
            "s3:PutObjectAcl",
            "s3:GetObject",
            "s3:GetObjectAcl",
            "s3:DeleteObject"
        ],
        "Resource":"arn:aws:s3:::holidaygifts/*"
      },
      {
        "Effect": "Deny",
        "Action": [
          "s3:GetObject",
          "s3:GetObjectAcl"
        ],
        "Resource":"arn:aws:s3:::holidaygifts/*",
        "Condition": {
            "DateGreaterThan": {"aws:CurrentTime": "2020-12-01T00:00:00Z"},
            "DateLessThan": {"aws:CurrentTime": "2020-12-25T06:00:00Z"}
        }
      }
    ]
}
```

What is the output of this policy?

Points to remember:

- Always Explicit Deny wins
- Default Deny is overwritten by Explicit Allow
- Explicit Allow is overwritten by Explicit Deny
- Look at the resource and make sure are they same or not in the multiple statements and the actions too
- Also, look at the conditions carefully

Example 2:

What is the output?

Point out the NOT operations

These are double negation policy

Example 3:

```
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Effect": "Allow",
            "Action": [
                "s3:ListAllMyBuckets",
                "s3:GetBucketLocation"
            ],
            "Resource": "*"
        },
        {
            "Effect": "Allow",
            "Action": "s3:ListBucket",
            "Resource": "arn:aws:s3:::cl-animals4life",
            "Condition": {
                "StringLike": {
                    "s3:prefix": [
                        "",
                        "home/",
                        "home/${aws:username}/*"
                    ]
                }
            }
        },
        {
            "Effect": "Allow",
            "Action": "s3:*",
            "Resource": [
                "arn:aws:s3:::cl-animals4life/home/${aws:username}",
                "arn:aws:s3:::cl-animals4life/home/${aws:username}/*"
            ]
        }
    ]
}
```

NOTE: In S3 what are the actions that we need to use Resource as "*" Always?

1. S3: ListAllMyBuckets - This only list the buckets and we can't look inside the bucket
2. S3: GetBucketLocations
3. S3:CreateBucket