Troubleshooting Terraform Statefile with AWS S3 Versoning:

1. Deploy the infra with 3 subnets using the terraformsigleinstance repo which will create three subnets

with name as subnet1-public & subnet2-public & subnet3-public

2. We will use terraforms state mv to rename the resources to a diffrent name.

C:\DevOpsB21-Terraform-Class>terraform state mv aws\_subnet.public-subnet-1 aws\_subnet.public-subnet-001

Move "aws\_subnet.public-subnet-1" to "aws\_subnet.public-subnet-001"

Successfully moved 1 object(s).

C:\DevOpsB21-Terraform-Class>terraform state mv aws\_subnet.public-subnet-2 aws\_subnet.public-subnet-002

Move "aws\_subnet.public-subnet-2" to "aws\_subnet.public-subnet-002"

Successfully moved 1 object(s).

C:\DevOpsB21-Terraform-Class>terraform state mv aws\_subnet.public-subnet-3 aws\_subnet.public-subnet-003

Move "aws\_subnet.public-subnet-3" to "aws\_subnet.public-subnet-003"

Successfully moved 1 object(s).

Update resource names and outputs accordingly.

3. Image we ahve some issues and want to revert to old state.

4. Go to S3 enable show versions & DOwnload and delete the latest version.

5. Perform terraform state list whihc will show old state resource names.

6. Rename the code to revert to old resource names.