EXTRA 3:

```
provider "aws" {
  region = "ap-south-1"
  profile = "myvishesh"
}
resource "aws_s3_bucket" "my-test-s3-terraform-bucket-vishesh1" {
  bucket = "my-test-s3-terraform-bucket-vishesh1"
  tags = {
    Name = "my-test-s3-terraform-bucket-vishesh1"
  }
}

resource "aws_cloudfront_distribution" "s3_distribution" {
  origin {
    domain_name =
"${aws_s3_bucket.my-test-s3-terraform-bucket-vishesh1.bucket_regi
onal_domain_name}"
    origin_id   =
"${aws_s3_bucket.my-test-s3-terraform-bucket-vishesh1.id}"

  }

  enabled          = true
  is_ipv6_enabled    = true
  comment          = "S3 bucket"

  default_cache_behavior {
    allowed_methods  = ["DELETE", "GET", "HEAD", "OPTIONS",
"PATCH", "POST", "PUT"]
    cached_methods   = ["GET", "HEAD"]
    target_origin_id =
"${aws_s3_bucket.my-test-s3-terraform-bucket-vishesh1.id}"
```

```
  forwarded_values {
    query_string = false

    cookies {
      forward = "none"
    }
  }

  viewer_protocol_policy = "allow-all"
  min_ttl           = 0
  default_ttl        = 3600
  max_ttl           = 86400
}

# Cache behavior with precedence 0
ordered_cache_behavior {
  path_pattern     = "/content/immutable/*"
  allowed_methods  = ["GET", "HEAD", "OPTIONS"]
  cached_methods   = ["GET", "HEAD", "OPTIONS"]
  target_origin_id =
"${aws_s3_bucket.my-test-s3-terraform-bucket-vishesh1.id}"

  forwarded_values {
    query_string = false

    cookies {
      forward = "none"
    }
  }

  min_ttl           = 0
  default_ttl        = 86400
```

```
    max_ttl            = 31536000
    compress             = true
    viewer_protocol_policy = "redirect-to-https"
  }


  restrictions {
   geo_restriction {
     restriction_type = "whitelist"
     locations        = ["IN"]
   }
  }

  tags = {
   Environment = "production"
  }

  viewer_certificate {
   cloudfront_default_certificate = true
  }

  depends_on = [
   aws_s3_bucket.my-test-s3-terraform-bucket-vishesh1
]
}

resource "aws_codepipeline" "github" {
  name    = "github"
  role_arn =
"arn:aws:iam::4109142******76:role/service-role/AWSCodePipelineSer
viceRole-ap-south-1-github"

  artifact_store {
```

```
    location =
"${aws_s3_bucket.my-test-s3-terraform-bucket-vishesh1.bucket}"
    type     = "S3"



  }

  stage {
   name = "Source"

   action {
     name           = "Source"
     category       = "Source"
     owner          = "ThirdParty"
     provider       = "GitHub"
     version        = "1"
     output_artifacts = ["SourceArtifacts"]

     configuration = {
       Owner = "visheshgargavi"
       Repo  = "hybrid-class-notes"
       Branch = "master"
       OAuthToken = "8b32a17126052b4f6ce9089017************"
       PollForSourceChanges = "true"
     }
   }
  }


  stage {
   name = "Deploy"

   action {
```

```
name            = "Deploy"
category        = "Deploy"
owner           = "AWS"
provider        = "S3"
input_artifacts  = ["SourceArtifacts"]
version         = "1"

configuration = {
  "BucketName" = "my-test-s3-terraform-bucket-vishesh1"
  "Extract"    = "true"
    }
  }
 }
}
```