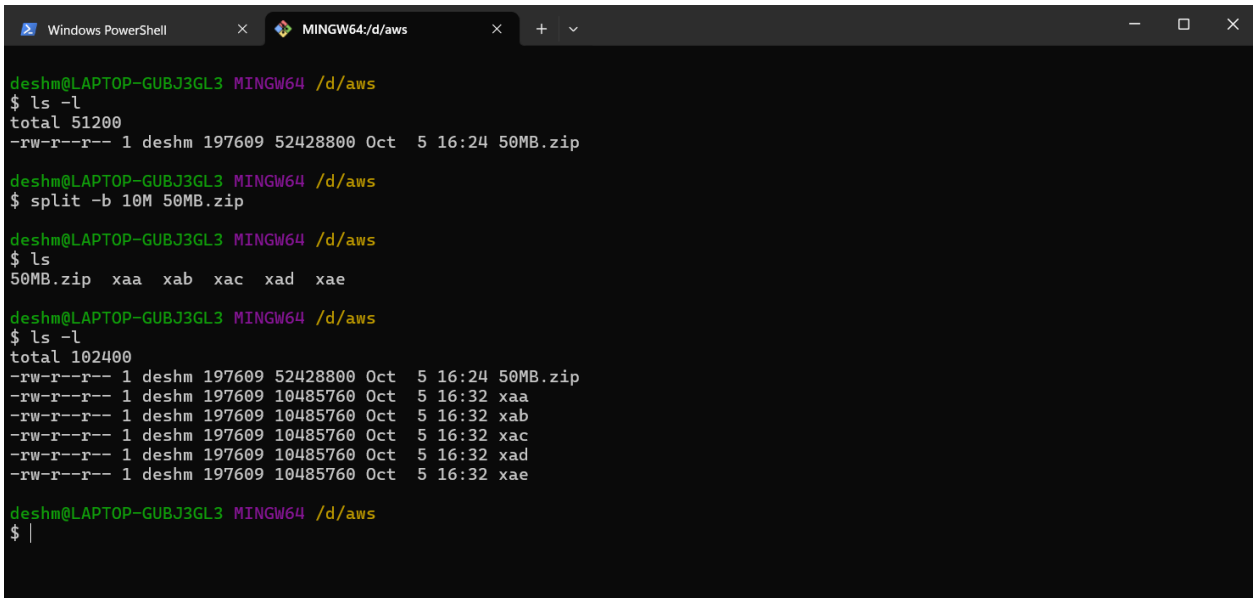
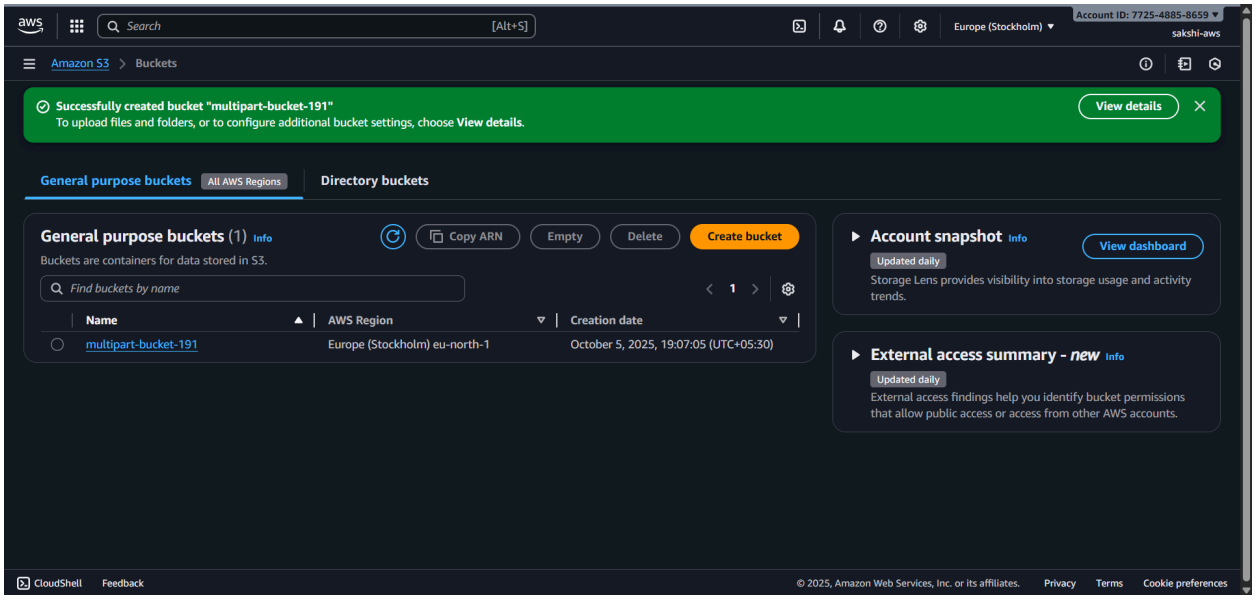
Practical 5

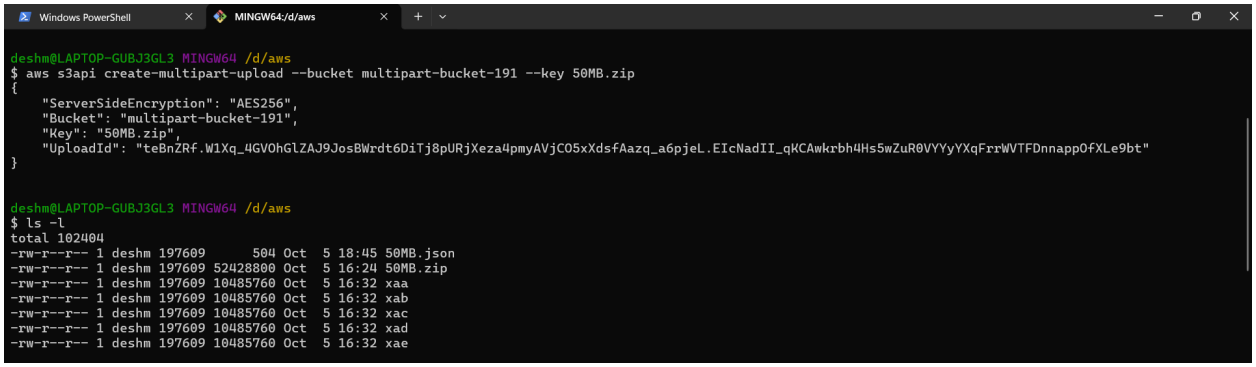
Name: Sakshi Deshmukh
PRN: 202301040191
Roll no. 158

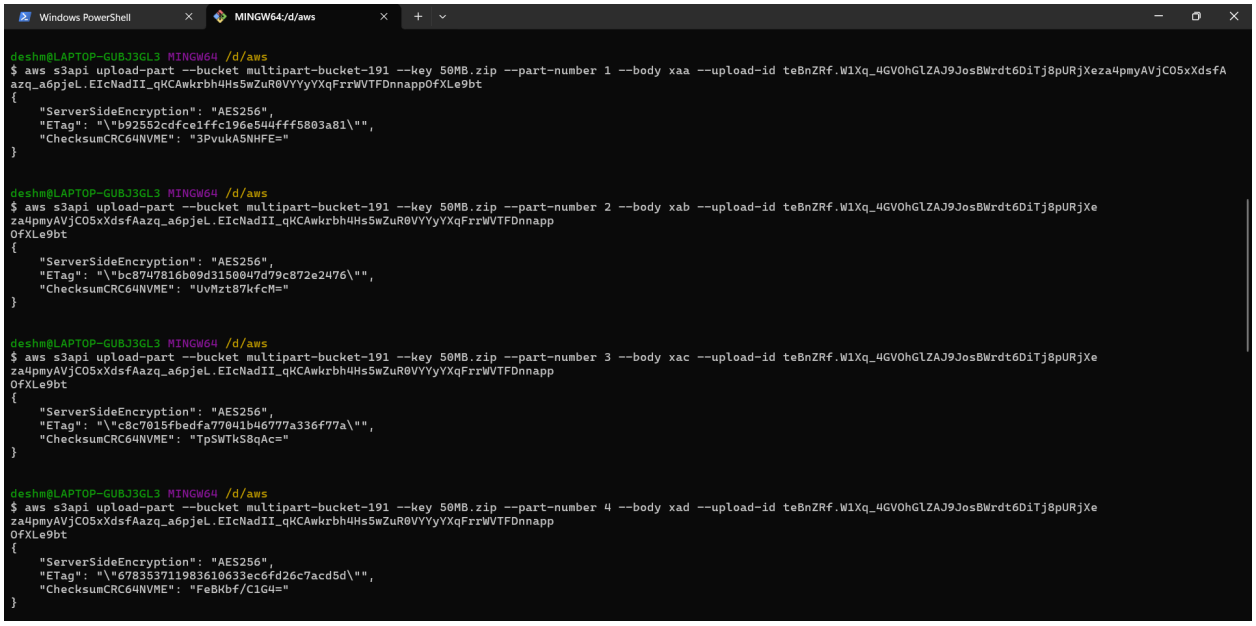
Multipart file upload

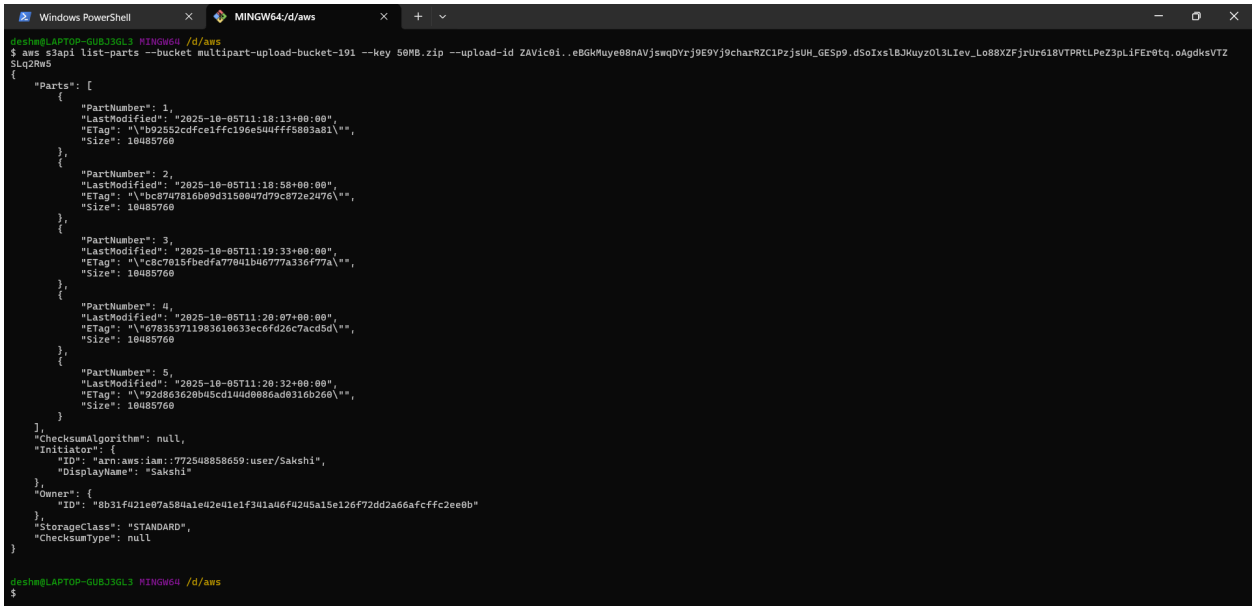


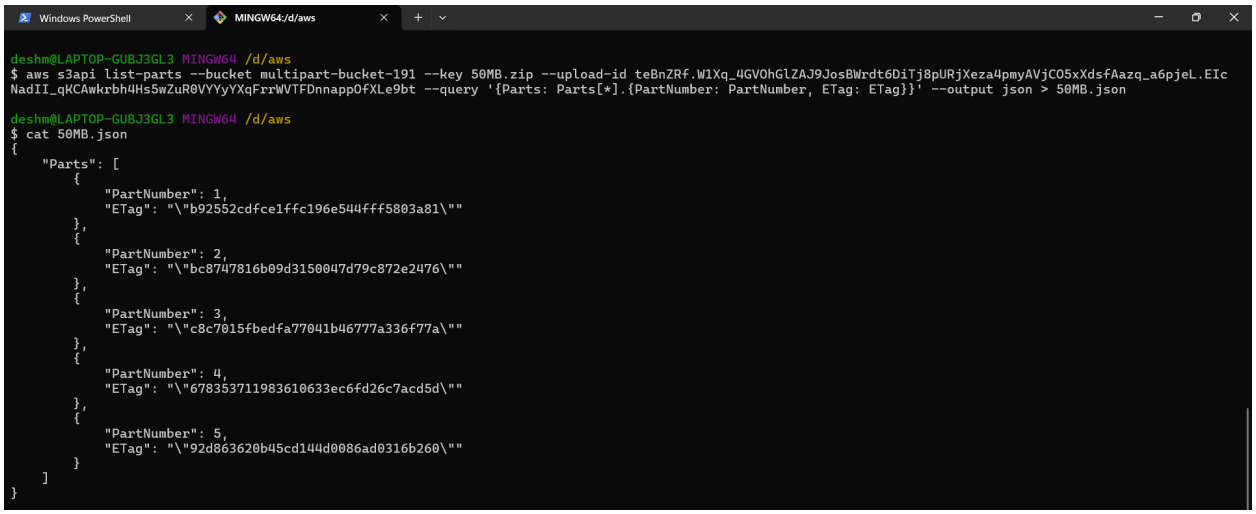


Windows PowerShell
MINGW64:/d/aws
deshm@LAPTOP-GUBJ3GL3 MINGW64 ~
$ aws s3api list-buckets
{
"Buckets": [
{
"Name": "multipart-bucket-191",
"CreationDate": "2025-10-05T13:37:07+00:00"
}
],
"Owner": {
"ID": "8b31f421e07a584a1e42e41e1f341a46f4245a15e126f72dd2a66afcffc2ee0b"
},
"Prefix": null
}

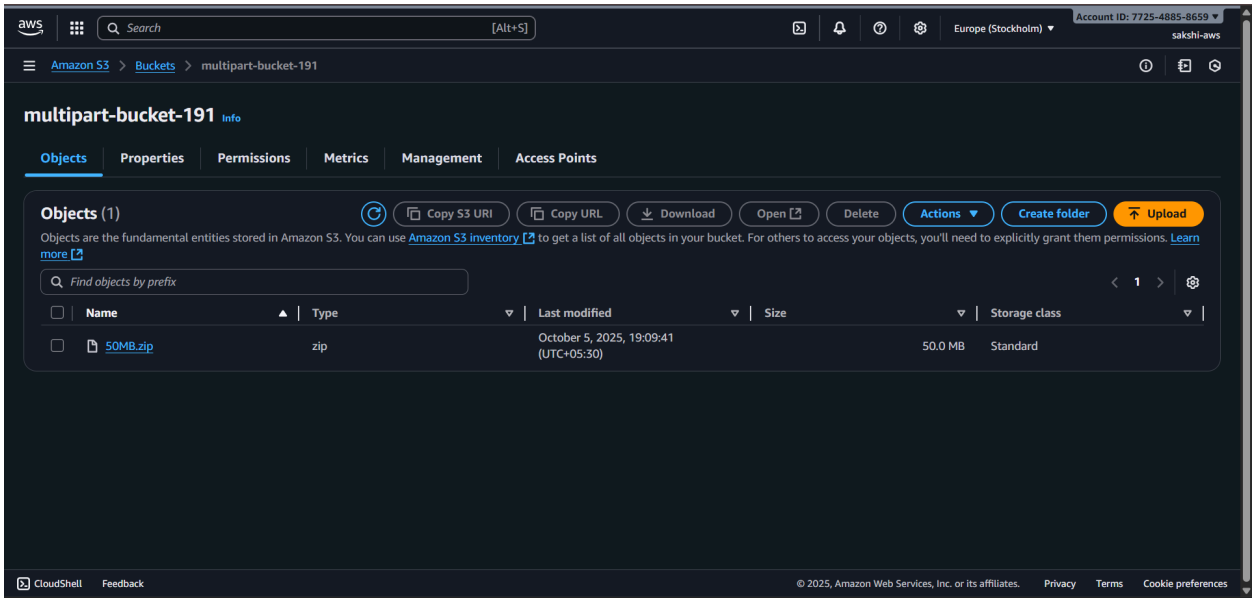

Windows PowerShell
MINGW64:/d/aws
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api create-multipart-upload --bucket multipart-bucket-191 --key 50MB.zip
{
"ServerSideEncryption": "AES256",
"Bucket": "multipart-bucket-191",
"Key": "50MB.zip",
"UploadId": "teBnZRf.W1Xq_4GVOhGlZAJ9JosBWrdt6DiTj8pURjXeza4pmyAVjCO5xXdsfAazq_a6pjeL.EIcNadII_qKCAwkrbh4Hs5wZuR0VYYyYXqFrrWVTFDnnappOfXLe9bt"
}
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ ls -l
total 102404
-rw-r--r-- 1 deshm 197609 504 Oct 5 18:45 50MB.json
-rw-r--r-- 1 deshm 197609 52428800 Oct 5 16:24 50MB.zip
-rw-r--r-- 1 deshm 197609 10485760 Oct 5 16:32 xaa
-rw-r--r-- 1 deshm 197609 10485760 Oct 5 16:32 xab
-rw-r--r-- 1 deshm 197609 10485760 Oct 5 16:32 xac
-rw-r--r-- 1 deshm 197609 10485760 Oct 5 16:32 xad
-rw-r--r-- 1 deshm 197609 10485760 Oct 5 16:32 xae


Windows PowerShell
MINGW64:/d/aws
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api upload-part --bucket multipart-bucket-191 --key 50MB.zip --part-number 1 --body xaa --upload-id teBnZRf.W1Xq_4GVOhGlZAJ9JosBWrdt6DiTj8pURjXeza4pmyAVjCO5xXdsfA
azq_a6pjeL.EIcNadII_qKCAwkrbh4Hs5wZuR0VYYyYXqFrrWVTFDnnappOfXLe9bt
{
"ServerSideEncryption": "AES256",
"ETag": "\"b92552cdfce1ffc196e544fff5803a81\"",
"ChecksumCRC64NVME": "3PvukA5NHFE="
}
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api upload-part --bucket multipart-bucket-191 --key 50MB.zip --part-number 2 --body xab --upload-id teBnZRf.W1Xq_4GVOhGlZAJ9JosBWrdt6DiTj8pURjXe
za4pmyAVjCO5xXdsfAazq_a6pjeL.EIcNadII_qKCAwkrbh4Hs5wZuR0VYYyYXqFrrWVTFDnnapp
OfXLe9bt
{
"ServerSideEncryption": "AES256",
"ETag": "\"bc8747816b09d3150047d79c872e2476\"",
"ChecksumCRC64NVME": "UvMzt87kfcM="
}
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api upload-part --bucket multipart-bucket-191 --key 50MB.zip --part-number 3 --body xac --upload-id teBnZRf.W1Xq_4GVOhGlZAJ9JosBWrdt6DiTj8pURjXe
za4pmyAVjCO5xXdsfAazq_a6pjeL.EIcNadII_qKCAwkrbh4Hs5wZuR0VYYyYXqFrrWVTFDnnapp
OfXLe9bt
{
"ServerSideEncryption": "AES256",
"ETag": "\"c8c7015fbedfa77041b46777a336f77a\"",
"ChecksumCRC64NVME": "TpSWTkS8qAc="
}
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api upload-part --bucket multipart-bucket-191 --key 50MB.zip --part-number 4 --body xad --upload-id teBnZRf.W1Xq_4GVOhGlZAJ9JosBWrdt6DiTj8pURjXe
za4pmyAVjCO5xXdsfAazq_a6pjeL.EIcNadII_qKCAwkrbh4Hs5wZuR0VYYyYXqFrrWVTFDnnapp
OfXLe9bt
{
"ServerSideEncryption": "AES256",
"ETag": "\"67835711983610633ec6fd26c7acd5d\"",
"ChecksumCRC64NVME": "FeBKbf/C1G4="
}


Windows PowerShell
MINGW64:/d/aws
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api list-parts --bucket multipart-upload-bucket-191 --key 50MB.zip --upload-id ZAVic0i..eBGkMuye08nAVjswqDYrj9E9Yj9charRZC1PzjsUH_GESp9.dSoIxslBJKuyzOl3LIev_Lo88XZFjrUr618VTPRtLPeZ3pLiFEr0tq.oAgdksVTZSLq2Rw5
{
"Parts": [
{
"PartNumber": 1,
"LastModified": "2025-10-05T11:18:13+00:00",
"ETag": "\"b92552cdfce1ffc196e544fff5803a81\"",
"Size": 10485760
},
{
"PartNumber": 2,
"LastModified": "2025-10-05T11:18:58+00:00",
"ETag": "\"bc8747816b09d31500047d79c872e2476\"",
"Size": 10485760
},
{
"PartNumber": 3,
"LastModified": "2025-10-05T11:19:33+00:00",
"ETag": "\"c8c7015fbedfa77041b46777a336f77a\"",
"Size": 10485760
},
{
"PartNumber": 4,
"LastModified": "2025-10-05T11:20:07+00:00",
"ETag": "\"678353711983610633ec6fd26c7acd5d\"",
"Size": 10485760
},
{
"PartNumber": 5,
"LastModified": "2025-10-05T11:20:32+00:00",
"ETag": "\"92d863620b45cd144d0086ad0316b260\"",
"Size": 10485760
}
],
"ChecksumAlgorithm": null,
"Initiator": {
"ID": "arn:aws:iam::772548858659:user/Sakshi",
"DisplayName": "Sakshi"
},
"Owner": {
"ID": "8b31f421e07a584a1e42e41e1f341a46f4245a15e126f72dd2a66afcffc2ee0b"
},
"StorageClass": "STANDARD",
"ChecksumType": null
}
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$


Windows PowerShell
MINGW64:/d/aws
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api list-parts --bucket multipart-bucket-191 --key 50MB.zip --upload-id teBnZRf.W1Xq_4GVOhGlZAJ9JosBWrdt6DiTj8pURjXeza4pmyAVjCO5xXdsfAazq_a6pjeL.EIcNadII_qKCAwkrbh4Hs5wZuR0VYYyYXqFrrWVTFDnnappOfXLe9bt --query '{Parts: Parts[*].{PartNumber: PartNumber, ETag: ETag}}' --output json > 50MB.json
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ cat 50MB.json
{
"Parts": [
{
"PartNumber": 1,
"ETag": "\"b92552cdfce1ffc196e544fff5803a81\""
},
{
"PartNumber": 2,
"ETag": "\"bc8747816b09d31500047d79c872e2476\""
},
{
"PartNumber": 3,
"ETag": "\"c8c7015fbedfa77041b46777a336f77a\""
},
{
"PartNumber": 4,
"ETag": "\"678353711983610633ec6fd26c7acd5d\""
},
{
"PartNumber": 5,
"ETag": "\"92d863620b45cd144d0086ad0316b260\""
}
]
}

deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api list-parts --bucket multipart-bucket-191 --key 50MB.zip --upload-id teBnZRf.W1Xq_4GVOhGlZAJ9JosBWrdt6DiTj8pURjXeza4pmyAVjCO5xXdsfAazq_a6pjeL.EIcNadII_qKCAwkrbh4Hs5wZuR0VYYyYXqFrrWVTFDnnappOfXLe9bt --query '{Parts: Parts[*].{PartNumber: PartNumber, ETag: ETag}}' --output json > 50MB.json
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api complete-multipart-upload --multipart-upload file://50MB.json --bucket multipart-bucket-191 --key 50MB.zip --upload-id teBnZRf.W1Xq_4GVOhGlZAJ9JosBWrdt6DiTj8pURjXeza4pmyAVjCO5xXdsfAazq_a6pjeL.EIcNadII_qKCAwkrbh4Hs5wZuR0VYYyYXqFrrWVTFDnnappOfXLe9bt
{
"ServerSideEncryption": "AES256",
"Location": "https://multipart-bucket-191.s3.eu-north-1.amazonaws.com/50MB.zip",
"Bucket": "multipart-bucket-191",
"Key": "50MB.zip",
"ETag": "\"6268b195805dcb8813d84d62740a8b47-5\"",
"ChecksumCRC64NVME": "CmW+50jlH+4=",
"ChecksumType": "FULL_OBJECT"
}




```
deshm@LAPTOP-GUBJ3GL3 MINGW64 /d/aws
$ aws s3api list-multipart-uploads --bucket multipart-bucket-191
{
    "RequestCharged": null,
    "Prefix": null
}
```