

```

from flask import Flask, redirect, url_for, render_template, request

import ibm_boto3

from ibm_botocore.client import Config, ClientError

COS_ENDPOINT = "https://s3.jp-tok.cloud-object-storage.appdomain.cloud"

COS_API_KEY_ID = "W2H3emTYK_NI2sz1jP60Y3GKM8H4KHyaF2Dfi9dqmFuJ"

COS_INSTANCE_CRN = "crn:v1:bluemix:public:iam-identity::a/d4b6fdab81d84f30b852d19d83df3652::serviceid:ServiceId-0353b0ba-9202-46e0-bd0f-e91b9e3aa0a5"

cos = ibm_boto3.resource("s3",
    ibm_api_key_id=COS_API_KEY_ID,
    ibm_service_instance_id=COS_INSTANCE_CRN,
    config=Config(signature_version="oauth"),
    endpoint_url=COS_ENDPOINT
)

app=Flask(__name__)

def get_bucket_contents(bucket_name):
    print("Retrieving bucket contents from: {}".format(bucket_name))
    try:
        files = cos.Bucket(bucket_name).objects.all()
        files_names = []
        for file in files:
            files_names.append(file.key)
            print("Item: {} ({} bytes)".format(file.key, file.size))
        return files_names
    except ClientError as be:
        print("CLIENT ERROR: {}".format(be))
    except Exception as e:
        print("Unable to retrieve bucket contents: {}".format(e))

@app.route('/')

```

```
def index():  
    files = get_bucket_contents('abishek-03')  
  
    return render_template('index.html', files = files)  
  
if __name__ == '__main__':  
    app.run(debug=True)
```