<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <meta http-equiv="X-UA-Compatible" content="ie=edge">

  <title>Document</title>

</head>

<body>

<h2>Your Albums</h2>

<button onclick="authenticate().then(loadClient)">authorize and load</button>

<button onclick="execute()">execute</button>

<button onclick="signout()">signout</button>

<div id="myGallery"></div>

<script src="https://apis.google.com/js/api.js"></script>

<script>

  /\*\*

   \* Sample JavaScript code for photoslibrary.albums.list

   \* See instructions for running APIs Explorer code samples locally:

   \* https://developers.google.com/explorer-help/guides/code\_samples#javascript

   \*/

  function authenticate() {

    return gapi.auth2.getAuthInstance()

      .signIn({

        scope: "https://www.googleapis.com/auth/photoslibrary https://www.googleapis.com/auth/photoslibrary.readonly https://www.googleapis.com/auth/photoslibrary.readonly.appcreateddata"

      })

      .then(function () {

          console.log("Sign-in successful");

        },

        function (err) {

          console.error("Error signing in", err);

        });

  }

  function loadClient() {

    gapi.client.setApiKey("AIzaSyBgZU\_-tFQAq8wKHN-gMii2S\_u5kMNEG2I");

    return gapi.client.load("https://content.googleapis.com/discovery/v1/apis/photoslibrary/v1/rest")

      .then(function () {

          console.log("GAPI client loaded for API");

        },

        function (err) {

          console.error("Error loading GAPI client for API", err);

        });

  }

  // Make sure the client is loaded and sign-in is complete before calling this method.

  function execute() {

    return gapi.client.photoslibrary.albums.list({})

      .then(function (response) {

          // Handle the results here (response.result has the parsed body).

          console.log("Response", response);

          console.log("lets do it:" ,response.result.albums[0].productUrl)

        },

        function (err) {

          console.error("Execute error", err);

        });

  }

  gapi.load("client:auth2", function () {

    gapi.auth2.init({

      client\_id: "836787780852-7mthov4o51ukrt8kutceob8odk918c2p.apps.googleusercontent.com"

    });

  });

  function signout() {

    res = gapi.auth2.signOut();

    console.log("User Sign Out")

    auth2.disconnect();

  }

</script>

</body>

</html>

\_\_\_\_By from date and to date------------

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <meta http-equiv="X-UA-Compatible" content="ie=edge">

  <title>Document</title>

</head>

<body>

<h2>Your Albums</h2>

<button onclick="authenticate().then(loadClient)">authorize and load</button>

<button onclick="execute()">execute</button>

<button onclick="signout()">signout</button>

<div id="myGallery">

  <img id="" src="" alt="" >

</div>

<div class="row">

  <div class="column">

    <img id="pic1" src="" alt="" >

  </div>

  <div class="column">

    <img src="" alt="" onclick="myFunction(this);">

  </div>

  <div class="column">

    <img src="" alt="" onclick="myFunction(this);">

  </div>

  <div class="column">

    <img src="" alt="" onclick="myFunction(this);">

  </div>

</div>

<script src="https://apis.google.com/js/api.js"></script>

<script>

  /\*\*

   \* Sample JavaScript code for photoslibrary.albums.list

   \* See instructions for running APIs Explorer code samples locally:

   \* https://developers.google.com/explorer-help/guides/code\_samples#javascript

   \*/

  function authenticate() {

    return gapi.auth2.getAuthInstance()

      .signIn({

        scope: "https://www.googleapis.com/auth/photoslibrary https://www.googleapis.com/auth/photoslibrary.readonly https://www.googleapis.com/auth/photoslibrary.readonly.appcreateddata"

      })

      .then(function () {

          console.log("Sign-in successful");

        },

        function (err) {

          console.error("Error signing in", err);

        });

  }

  function loadClient() {

    gapi.client.setApiKey("AIzaSyBgZU\_-tFQAq8wKHN-gMii2S\_u5kMNEG2I");

    return gapi.client.load("https://content.googleapis.com/discovery/v1/apis/photoslibrary/v1/rest")

      .then(function () {

          console.log("GAPI client loaded for API");

        },

        function (err) {

          console.error("Error loading GAPI client for API", err);

        });

  }

  // Make sure the client is loaded and sign-in is complete before calling this method.

  function execute() {

    //return gapi.client.photoslibrary.albums.list({})

      return gapi.client.photoslibrary.mediaItems.search({

        "filters": {

          "dateFilter": {

            "ranges": [

              {

                "startDate": {

                  "year": 2019,

                  "month": 11,

                  "day": 16

                },

                "endDate": {

                  "year": 2019,

                  "month": 11,

                  "day": 16

                }

              }

            ]

          }

        }

      })

      .then(function (response) {

          // Handle the results here (response.result has the parsed body).

          console.log("Response", response);

          console.log("lets do it:" ,response.result.mediaItems[0].productUrl)

          for (i = 0; i < response.result.mediaItems.length-1; i++) {

            console.log("inside for loop:" ,response.result.mediaItems[i].baseUrl)

              var img = document.createElement('img');

              img.height=100;

              img.src = response.result.mediaItems[i].baseUrl;

              document.getElementById('myGallery').appendChild(img);

              console.log(i+"Image Element Added.");

          }

          console.log("Image:", document.getElementById("pic1").id)

          //document.getElementById("pic1").src=response.result.mediaItems[0].productUrl;

          console.log("Image:", document.getElementById("pic1").src)

        },

        function (err) {

          console.error("Execute error", err);

        });

  }

  gapi.load("client:auth2", function () {

    gapi.auth2.init({

      client\_id: "836787780852-7mthov4o51ukrt8kutceob8odk918c2p.apps.googleusercontent.com"

    });

  });

  function signout() {

    res = gapi.auth2.signOut();

    console.log("User Sign Out")

    auth2.disconnect();

  }

</script>

</body>

</html>

Fromdate -to date

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <meta http-equiv="X-UA-Compatible" content="ie=edge">

  <title>Document</title>

</head>

<body>

<h2>Your Albums</h2>

<button onclick="authenticate().then(loadClient)">authorize and load</button>

<button onclick="execute()">execute</button>

<button onclick="signout()">signout</button>

<div id="myGallery">

  <img id="" src="" alt="" >

</div>

<div class="row">

  <div class="column">

    <img id="pic1" src="" alt="" >

  </div>

  <div class="column">

    <img src="" alt="" onclick="myFunction(this);">

  </div>

  <div class="column">

    <img src="" alt="" onclick="myFunction(this);">

  </div>

  <div class="column">

    <img src="" alt="" onclick="myFunction(this);">

  </div>

</div>

<script src="https://apis.google.com/js/api.js"></script>

<script>

  /\*\*

   \* Sample JavaScript code for photoslibrary.albums.list

   \* See instructions for running APIs Explorer code samples locally:

   \* https://developers.google.com/explorer-help/guides/code\_samples#javascript

   \*/

  function authenticate() {

    return gapi.auth2.getAuthInstance()

      .signIn({

        scope: "https://www.googleapis.com/auth/photoslibrary https://www.googleapis.com/auth/photoslibrary.readonly https://www.googleapis.com/auth/photoslibrary.readonly.appcreateddata"

      })

      .then(function () {

          console.log("Sign-in successful");

        },

        function (err) {

          console.error("Error signing in", err);

        });

  }

  function loadClient() {

    gapi.client.setApiKey("AIzaSyBgZU\_-tFQAq8wKHN-gMii2S\_u5kMNEG2I");

    return gapi.client.load("https://content.googleapis.com/discovery/v1/apis/photoslibrary/v1/rest")

      .then(function () {

          console.log("GAPI client loaded for API");

        },

        function (err) {

          console.error("Error loading GAPI client for API", err);

        });

  }

  // Make sure the client is loaded and sign-in is complete before calling this method.

  function execute() {

    //return gapi.client.photoslibrary.albums.list({})

      return gapi.client.photoslibrary.mediaItems.search({

        "filters": {

          "dateFilter": {

            "ranges": [

              {

                "startDate": {

                  "year": 2019,

                  "month": 11,

                  "day": 16

                },

                "endDate": {

                  "year": 2019,

                  "month": 11,

                  "day": 16

                }

              }

            ]

          }

        }

      })

      .then(function (response) {

          // Handle the results here (response.result has the parsed body).

          console.log("Response", response);

          console.log("lets do it:" ,response.result.mediaItems[0].productUrl)

          for (i = 0; i < response.result.mediaItems.length-1; i++) {

            console.log("inside for loop:" ,response.result.mediaItems[i].baseUrl)

              var img = document.createElement('img');

              img.height=100;

              img.src = response.result.mediaItems[i].baseUrl;

              document.getElementById('myGallery').appendChild(img);

              console.log(i+"Image Element Added.");

          }

          console.log("Image:", document.getElementById("pic1").id)

          //document.getElementById("pic1").src=response.result.mediaItems[0].productUrl;

          console.log("Image:", document.getElementById("pic1").src)

        },

        function (err) {

          console.error("Execute error", err);

        });

  }

  gapi.load("client:auth2", function () {

    gapi.auth2.init({

      client\_id: "836787780852-7mthov4o51ukrt8kutceob8odk918c2p.apps.googleusercontent.com"

    });

  });

  function signout() {

    res = gapi.auth2.signOut();

    console.log("User Sign Out")

    auth2.disconnect();

  }

</script>

</body>

</html>

Google photo api – Python code

SCOPES = ['https://www.googleapis.com/auth/photoslibrary.readonly']

    creds = None

    # The file token.pickle stores the user's access and refresh tokens, and is

    # created automatically when the authorization flow completes for the first

    # time.

    if os.path.exists('token.pickle'):

        with open('token.pickle', 'rb') as token:

            creds = pickle.load(token)

    # If there are no (valid) credentials available, let the user log in.

    if not creds or not creds.valid:

        if creds and creds.expired and creds.refresh\_token:

            creds.refresh(Request())

        else:

            flow = InstalledAppFlow.from\_client\_secrets\_file(

                'credentials.json', SCOPES)

            print("flow",flow)

            creds = flow.run\_local\_server(port=8000)

        # Save the credentials for the next run

        with open('token.pickle', 'wb') as token:

            pickle.dump(creds, token)

    print("############")

    service = build('photoslibrary', 'v1', credentials=creds)

    # Call the Photo v1 API

    print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

    results = service.albums().list(

        pageSize=10, fields="nextPageToken,albums(id,title)").execute()

    items = results.get('albums', [])

    if not items:

        print('No albums found.')

    else:

        print('Albums:')

        for item in items:

            print('{0} ({1})'.format(item['title'].encode('utf8'), item['id']))