Nama : Nadif Satria Ababil

Nim : 123180146

Kelas : D

Matkul : Geoinformatika

Alamat : Jetakan Pandowoharjo Sleman Yogyakarta

1. https://code.earthengine.google.com/362107d457b7a51d1306e8697d712517

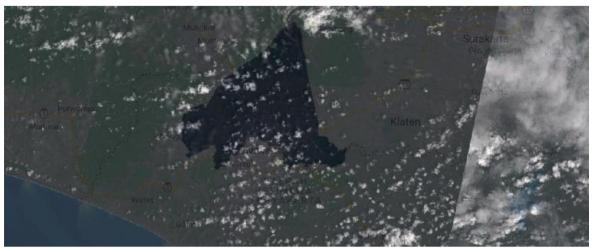
```
var landsat7TOA =
  ee.ImageCollection('LANDSAT/LE7_TOA_1YEAR').filterBounds(polyS1
  eman);
  print(landsat7TOA);
  var landsat7TOA2014 = ee.Image('LANDSAT/LE7_TOA_1YEAR/2014');
  print(landsat7TOA2014);
  Map.addLayer(landsat7TOA2014.clip(polySleman), {'bands': ['B3', 'B2', 'B1'],min: 0,
  max: 70});
```



2. https://code.earthengine.google.com/c3080690b028a56f8ad962c96d2222f0

```
var landsat7TOA =
  ee.ImageCollection('LANDSAT/LE7_TOA_1YEAR').filterBounds(polySl
  eman);
  print(landsat7TOA);
  var landsat7TOA2014 = ee.Image('LANDSAT/LE7_TOA_1YEAR/2014');
  print(landsat7TOA2014);
  Map.addLayer(landsat7TOA2014.clip(polySleman), {'bands': ['B3', 'B2', 'B1'], min: 0,
  max: 70});
  var landsat8_SecondHalf14 = landsat8_32Days.filterDate('2014-06-01',
  '2014-12-31');
  print(landsat8_SecondHalf14);
```

```
Map.addLayer(landsat8_SecondHalf14,
{'bands': ['B4', 'B3', 'B2']}, 'landsat 8 at 2014');
```



3. https://code.earthengine.google.com/56e2eea562bc63b4b3d7fb83842c6176

```
var landsat7TOA =
ee.ImageCollection('LANDSAT/LE7 TOA 1YEAR').filterBounds(polySl
eman);
print(landsat7TOA);
var landsat7TOA2014 = ee.Image('LANDSAT/LE7 TOA 1YEAR/2014');
print(landsat7TOA2014);
Map.addLayer(landsat7TOA2014.clip(polySleman), {'bands': ['B3',
'B2', 'B1'], min: 0,
max: 70});
var landsat8 32Days =
ee.ImageCollection('LANDSAT/LC8 L1T 32DAY TOA');
var landsat8 SecondHalf14 = landsat8 32Days
.filterDate('2014-06-01', '2014-12-31');
Map.addLayer(landsat8_SecondHalf14,
{'bands': ['B4', 'B3', 'B2']}, 'landsat 8 at 2014');
var L8 Band2 = landsat8 SecondHalf14.select('B2');
Map.addLayer(L8 Band2, {}, 'band 2');
```



4. https://code.earthengine.google.com/blc0ddd4edladf5ade8bf09fe91cd0e8

```
var landsat7TOA =
ee.ImageCollection('LANDSAT/LE7 TOA 1YEAR').filterBounds(polySl
print(landsat7TOA);
var landsat7TOA2014 = ee.Image('LANDSAT/LE7 TOA 1YEAR/2014');
print(landsat7TOA2014);
Map.addLayer(landsat7TOA2014.clip(polySleman), {'bands': ['B3',
'B2', 'B1'], min: 0,
max: 70});
var L8 Collection = ee.ImageCollection('LANDSAT/LC8 L1T');
var L8Filtered = L8 Collection.filterDate('2014-10-01', '2014-
12-31');
var L8Median = L8Filtered.median();
Map.addLayer(L8Median, {'bands': ['B4', 'B3', 'B2'], min: 6000,
max:17000});
var image = ee.Algorithms.Landsat.simpleComposite({
collection: L8Filtered,
asFloat: true
});
Map.addLayer(image , {'bands': ['B4', 'B3', 'B2'], min: 0,
max:0.3}, 'landsat 8 Median
Witner 2014');
```



5. https://code.earthengine.google.com/9caae6b5dcf20953d1836d7bd7f35153

```
var landsat7TOA =
  ee.ImageCollection('LANDSAT/LE7_TOA_1YEAR').filterBounds(polySleman);
  print(landsat7TOA);
  var landsat7TOA2014 = ee.Image('LANDSAT/LE7_TOA_1YEAR/2014');
  print(landsat7TOA2014);
  Map.addLayer(landsat7TOA2014.clip(polySleman), {'bands': ['B3', 'B2', 'B1'], min: 0,
  max: 70});
```

```
var ndvi32Day= ee.ImageCollection('LANDSAT/LE7_L1T_32DAY_NDVI');
var filtered2014 = ndvi32Day.filterDate('2014-01-01', '2014-12-
31').max();
var filtered2000 = ndvi32Day.filterDate('2000-01-01', '2000-12-
31').max();
Map.addLayer(filtered2014,
{'palette':'000000, 00FF00', 'min': 0.5, 'max': 0.7}, 'max ndvi
2014');
Map.addLayer(filtered2000,
{'palette':'000000, 00FF00', 'min': 0.5, 'max': 0.7}, 'max ndvi
2000');
```

