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var studyArea = new google.maps.LatLng(44.060728, -79.578889);
var myMapType = google.maps.MapTypeId.HYBRID;
var map;

var directionsDisplay;
var directionsService = new google.maps.DirectionsService();
var NiagaraC = new google.maps.LatLng(43.152248, -79.165232);
var BrockU = new google.maps.LatLng(43.117706, -79.247681);
var image = {
  url: './images/NiagaraCollegeLogo.jpg',
  size: new google.maps.Size(20, 32),
  anchor: new google.maps.Point(0, 0)
};

function initialize() {
  directionsDisplay = new google.maps.DirectionsRenderer();
  var mapProp = {
    center:studyArea,
    zoom:4,
    panControl: false,
    scaleControl: true,
    mapTypeId:myMapType,
    mapTypeControl: true,
    mapTypeControlOptions: {
      style: google.maps.MapTypeControlStyle.DROPDOWN_MENU,
    }
  };
  map = new google.maps.Map(document.getElementById("gMap"),
mapProp);
  document.getElementById("addPnt").disabled = false;
  document.getElementById("addPnt1").disabled = false;
  document.getElementById("addPoly").disabled = false;
  document.getElementById("addLine").disabled = false;
  document.getElementById("addRiver").disabled = false;
}
google.maps.event.addDomListener(window, 'load', initialize);

function addPnt() {
  marker = new google.maps.Marker({
    position:studyArea,
    title: 'click to zoom',

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    });
        marker.setMap(map);

google.maps.event.addListener(marker,'click',function() {
    map.setZoom(12);
    map.setCenter(studyArea);

    });

        document.getElementById("addPnt1").disabled = true;

        var infowindow1 = new google.maps.InfoWindow({
        content: '<h5>Holland Marsh</h5>'
    });
        infowindow1.open(map,marker);
    }

function addNC() {
    marker2 = new google.maps.Marker({
    position:NiagaraC,
    title: 'click to zoom',
    icon: image,

    });
        marker2.setMap(map);

google.maps.event.addListener(marker2,'click',function() {
    map.setZoom(18);
    map.setCenter(NiagaraC);
    });
    var infowindow1 = new google.maps.InfoWindow({
    content: '<h5>Niagara College - NOTL Campus</h5>'
    });
        infowindow1.open(map,marker2);
        document.getElementById("addPnt").disabled = true;
    }

function addPoly() {
    var BoundaryLayer = new google.maps.KmlLayer({
        driveFileId: "0Bwq1D2dsEH_XZl9vbk5QNk5tZnM"
    });
    BoundaryLayer.setMap(map);
    document.getElementById("addPoly").disabled = true;
}

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}
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//Add Route from Niagara College To BrockU
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function addLine(){
directionsDisplay = new google.maps.DirectionsRenderer();
  var request = {
    origin:NiagaraC,
    destination:BrockU,
    travelMode: google.maps.TravelMode.BICYCLING
  };
directionsService.route(request, function(response, status) {
  if (status == google.maps.DirectionsStatus.OK) {
    directionsDisplay.setDirections(response);
  }
    directionsDisplay.setMap(map);
    document.getElementById("addLine").disabled = true;
  });
}
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//Route
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Map-----
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function addHollandRiver(){
  var HollandRiver = new google.maps.KmlLayer({
    driveFileId: "0Bwq1D2dsEH_XaDhuYXFGVFhBSFE"
  });
  HollandRiver.setMap(map);
  document.getElementById("addRiver").disabled = true;
}
```

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// Zoom to 9 when clicking on marker
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