**Phase 3 Postman   
Practice Project 2 Name: Prajwal Diwakar**

**Creating Well-Structured Output for API Clients Using Postman to Get Weather Report.**

**Source Code:**

**Collection Test scripts:**

pm.**test**("Validate Collections varaibles", **function** () {

   var host\_url **=**  pm.collectionVariables.**get**("Host\_url");

   var id **=**  pm.collectionVariables.**get**("ID");

   var city **=**  pm.collectionVariables.**get**("City");

   var appId **=**  pm.collectionVariables.**get**("APP ID");

   console.**log**(host\_url,id,  city , appId);

});

**Request Testscripts:**

pm.**test**("status code is 200", **function**(){

    pm.response.to.have.status(200);

} );

pm.**test**("Reponse body should be JSON", **function** () {

    var jsonData **=** pm.response.json();

    pm.expect(jsonData.coord.lon).to.eql(**-**0.13);

    pm.expect(jsonData.base).to.eql("stations");

    pm.expect(jsonData.id).to.eql(2643743);

    pm.expect(jsonData.name).to.eql("London");

    pm.expect(jsonData.cod).to.eql(200);

});

pm.**test**("Reponse should be a json and dynamic properties", **function** () {

    var jsonData **=** pm.response.json();

    // check the properties exist

    pm.expect(jsonData.main).to.have.property( "temp");

    pm.expect(jsonData.main).to.have.property( "pressure");

    pm.expect(jsonData.main).to.have.property( "humidity");

    pm.expect(jsonData.main).to.have.property( "temp\_min");

    pm.expect(jsonData.main).to.have.property( "temp\_max");

});

pm.**test**("Reponse should be a json and not null & not undefined properties", **function** () {

    var jsonData **=** pm.response.json();

    // check the properties exist & not null

    pm.expect(jsonData.coord.lon).to.not.be.null;

    pm.expect(jsonData.coord.lat).to.not.be.undefined;

    // check the properties exist & not undefined.

    pm.expect(jsonData.main.temp).to.not.be.null;

    pm.expect(jsonData.main.temp).to.not.be.undefined;

    // check the properties exist & not undefined.

    pm.expect(jsonData.main.pressure).to.not.be.null;

    pm.expect(jsonData.main.pressure).to.not.be.undefined;

    // check the properties exist & not undefined.

    pm.expect(jsonData.main.humidity).to.not.be.null;

    pm.expect(jsonData.main.humidity).to.not.be.undefined;

});

pm.**test**("Response time is less than 1000ms", **function** () {

    pm.expect(pm.response.responseTime).to.be.below(2000);

});