**package com.mustaqim;**

**import java.util.\*;**

**import com.microsoft.azure.serverless.functions.annotation.\*;**

**import com.microsoft.azure.serverless.functions.\*;**

**import java.io.BufferedReader;**

**import java.io.IOException;**

**import java.io.InputStreamReader;**

**/\*\***

**\* Azure Functions with HTTP Trigger.**

**\*/**

**public class Function {**

**/\*\***

**\* This function listens at endpoint "/api/hello". Two ways to invoke it using "curl" command in bash:**

**\* 1. curl -d "HTTP Body" {your host}/api/hello**

**\* 2. curl {your host}/api/hello?name=HTTP%20Query**

**\*/**

**@FunctionName("hello")**

**public HttpResponseMessage<String> hello(**

**@HttpTrigger(name = "req", methods = {"get", "post"}, authLevel = AuthorizationLevel.ANONYMOUS) HttpRequestMessage<Optional<String>> request,**

**final ExecutionContext context) {**

**context.getLogger().info("Java HTTP trigger processed a request.");**

**// Parse query parameter**

**String query = request.getQueryParameters().get("name");**

**String name = request.getBody().orElse(query);**

**if (name == null) {**

**return request.createResponse(400, "Please pass a name on the query string or in the request body");**

**} else {**

**return request.createResponse(200,  runCommand(name));**

**}**

**}**

**public static String runCommand(String sCommand)**

**{**

**return "Working Directory = " + System.getProperty("user.dir");**

**}**

**}**