

Source Code:

Phase End project:

=====

```
{
  "id": 947,
  "category": {
    "id": 0,
    "name": "string"
  },
  "name": "goat",
  "photoUrls": [
    "string"
  ],
  "tags": [
    {
      "id": 0,
      "name": "string"
    }
  ],
  "status": "available"
}
```

Create the post method

```
package phaseEndproject;
import java.io.File;
import org.apache.logging.log4j.LogManager;
import org.apache.logging.log4j.Logger;
import org.hamcrest.Matchers;
import org.testng.annotations.Test;
import io.restassured.RestAssured;
import io.restassured.http.ContentType;
import testHTTPmethods.Log4J2Demo;
```

```

public class Assignment001Post {

    Logger logger =
    LogManager.getLogger(Assignment001Post.class);

    @Test(priority='1')

    public void assignment001post()
    {
        logger.info(" pahse End project -
Assignment001- Post Request");

        File file = new File("resources/data.json");

        int id = RestAssured.given()
            .baseUrl("https://petstore.swagger.io/v2/pet")
            .contentType(ContentType.JSON)
            .body(file)
            .when().post()
            .then().statusCode(200)
            .log().all()
            .body("name",
Matchers.equalTo("goat")).extract().path("id");

        logger.debug(" The status code is checked");

        System.out.println(id);
        logger.info("Id has been captured and
printed.");
    }

    @Test(priority='2', dependsOnMethods=
{"assignment001post"})

```

```

    public void assignment001Get()
    {
        String url =
"https://petstore.swagger.io/v2/pet/947";
        RestAssured.given()
            .baseUrl(url)
            .when().get()
            .then().statusCode(200)
            .log().all()
            .body("status", Matchers.equalTo("available"))
            .body("id", Matchers.equalTo(947));

    }

    @Test(priority='3', dependsOnMethods=
{"assignment001post"})

    public void assignment001Delete()
    {
        String url =
"https://petstore.swagger.io/v2/pet/947";
        RestAssured.given()
            .baseUrl(url)
            .when().delete()
            .then().statusCode(200)
            .log().all()
            .body("code", Matchers.equalTo(200))
            .body("message", Matchers.equalTo("947"));

    }

}

package phaseEndproject;

```

```

import java.io.File;
import org.hamcrest.Matchers;
import org.testng.annotations.Test;
import io.restassured.RestAssured;
import io.restassured.http.ContentType;

public class Assignment002 {

    @Test

    public void post_status_available()
    {
        File file = new File("resources/data.json");

        int id = RestAssured.given()

        .baseUrl("https://petstore.swagger.io/v2/pet")
        .contentType(ContentType.JSON)
        .body(file)
        .when().post()
        .then().statusCode(200)
        .body("name",
Matchers.equalTo("goat")).extract().path("id");

        System.out.println(id);
    }

    @Test(priority='2')

    public void put_status_available_Dev()
    {
        File file = new
File("resources/data-dev.json");

```

```

        int id = RestAssured.given()

        .baseUrl("https://petstore.swagger.io/v2/pet")
          .contentType(ContentType.JSON)
          .body(file)
          .when().put()
          .then().statusCode(200)
          .body("status",
Matchers.equalTo("available-Dev")).extract().path("id"
);

        System.out.println(id);
    }

    @Test(priority='3')

    public void put_status_available_QA()
    {
        File file = new
File("resources/data-qa.json");

        int id = RestAssured.given()

        .baseUrl("https://petstore.swagger.io/v2/pet")
          .contentType(ContentType.JSON)
          .body(file)
          .when().put()
          .then().statusCode(200)
          .body("status",
Matchers.equalTo("available-QA")).extract().path("id")
;

        System.out.println(id);
    }

```

```

@Test(priority='4')

public void put_status_available_Prod()
{
    File file = new
File("resources/data-prod.json");

    int id = RestAssured.given()

.baseUrl("https://petstore.swagger.io/v2/pet")
    .contentType(ContentType.JSON)
    .body(file)
    .when().put()
    .then().statusCode(200)
    .body("status",
Matchers.equalTo("available-Prod")).extract().path("id
");

    System.out.println(id);
}

}

package phaseEndproject;

import org.hamcrest.Matchers;
import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class Assignement003004005006 {

    // @Test
    public void assignment003()

```

```

{

    String url =
"https://petstore.swagger.io/v2/user/user123";
    RestAssured.given()
        .baseUrl(url)
        .when().get()
        .then().statusCode(200)
        .log().all()
        .body("username", Matchers.equalTo("user123"))
        .body("email",
Matchers.equalTo("user@gmail.com"))
        .body("userStatus", Matchers.equalTo(0));

}

```

```

//@Test
public void assignment004()
{

    String url =
"https://petstore.swagger.io/v2/user/login";
    RestAssured.given()
        .baseUrl(url)
        .auth().preemptive().basic("user123",
"user@123")
        .when().get()
        .then().statusCode(200)
        .log().all()
        .body("message", Matchers.anything());

}

```

```
//@Test
public void assignment005_available()
{
    String url =
"https://petstore.swagger.io/v2/pet/findByStatus";
    RestAssured.given()
        .baseUrl(url)
        .queryParams("status", "available")
        .when().get()
        .then().statusCode(200)
        .log().all();

}

//@Test
public void assignment005_pending()
{
    String url =
"https://petstore.swagger.io/v2/pet/findByStatus";
    RestAssured.given()
        .baseUrl(url)
        .queryParams("status", "pending")
        .when().get()
        .then().statusCode(200)
        .log().all();

}

//@Test
public void assignment005_sold()
```



```
{
    String url =
"https://petstore.swagger.io/v2/pet/findByStatus";
    RestAssured.given()
        .baseUrl(url)
        .queryParams("status", "sold")
        .when().get()
        .then().statusCode(200)
        .log().all();
}
```

```
@Test
public void assignment006()
{
    String url =
"https://petstore.swagger.io/v2/user/logout";
    RestAssured.given()
        .baseUrl(url)
        .when().get()
        .then().statusCode(200)
        .log().all();
}
```

```
}
```