

Steps to execute Unit Tests / deploy the OnlineShop web app.

Prerequisites:-

1. Eclipse Enterprise Edition IDE
2. JDK 8
3. Tomcat 8 (optional)

Following are the steps:-

1. In eclipse, click on Import -> General -> Import Existing Projects into Workspace.
2. Option Select Archive file should be selected and then Browse to the downloaded project. Maven will download all required jars.
4. Run test suite RunAllTests.java located under package shop.co.uk.testsuites to run all tests.
5. Optionally deploy the Project can on tomcat. Following rest endpoints can be accessed:-

5.1 GET <http://localhost:8080/OnlineShop/rest/shoppingCart>

Response:-

```
{
  "results": [
    {
      "id": 1,
      "title": "Apricot Ripe & Ready x5",
      "size": "98.76kb",
      "unitPrice": 2.3,
      "description": "Great to eat now - refrigerate at home 1 of 5 a day 1 avocado counts as 1 of your 5...",
      "quantity": 1
    },
    {
      "id": 2,
      "title": "Avocado Ripe & Ready xL",
      "size": "90.6kb",
      "unitPrice": 2.2,
      "description": "Great to eat now - refrigerate at home 1 of 5 a day 1 avocado counts as 1 of your 5...",
      "quantity": 1
    },
    {
      "id": 3,
      "title": "Avocado Ripe & Ready x2",
      "size": "90.6kb",
      "unitPrice": 1.8,
      "description": "Great to eat now - refrigerate at home 1 of 5 a day 1 avocado counts as 1 of your 5...",
      "quantity": 1
    },
    {

```

```

        "id": 4,
        "title": "Avocado Ripe & Ready x4",
        "size": "87kb",
        "unitPrice": 2,
        "description": "Great to eat now - refrigerate at home 1 of 5 a day 1 avocado
counts as 1 of your 5...",
        "quantity": 1
    }
],
    "total": 8.3
}

```

5.2 GET <http://localhost:8080/OnlineShop/rest/shoppingCart/item/1>  
Response:-

```

{
    "results": [
        {
            "id": 1,
            "title": "Apricot Ripe & Ready x5",
            "size": "98.76kb",
            "unitPrice": 2.3,
            "description": "Great to eat now - refrigerate at home 1 of 5 a day 1 avocado
counts as 1 of your 5...",
            "quantity": 1
        }
    ],
    "total": 2.3
}

```

5.3 POST <http://localhost:8080/OnlineShop/rest/shoppingCart/item/1>

5.4 DELETE <http://localhost:8080/OnlineShop/rest/shoppingCart/item/1>