

# NOTE: After used Container, please remove its container ids.

**Task Practical: 1** DAY – 01

* Create a MySQL container image with 5.7 tag,
  + Start a container from mysql image
    - **MYSQL\_USER**=devops
    - **MYSQL\_PASSWORD**=mypa55
    - **MYSQL\_DATABASE**=titanic
    - **MYSQL\_ROOT\_PASSWORD**=r00tpa55
* Verify that the container started without errors.
* Access the container
* Add data to the database & create a new table in the **titanic** database.

**Task Practical: 2** DAY – 01

* Start a container named **httpd-basic** in the background, and forward **port 8080** to **port 80** in the container. Use the httpd container image with **2.4** tag.
* Test the **httpd-basic** container.
  + From base machine, attempt to access [**http://localhost:8080**](http://localhost:8080) using any web browser. An **“it works”** message is displayed, which is the index.html page from apache HTTP server container running on base machine.
* Customize the httpd-basic container.
  + Start a **bash** session inside the container and customize the existing content of **index.html** page.
  + From the **bash** session, verify the index.html file under **/usr/local/apache2/htdocs** directory using the **ls -la** command.
  + Change the **index.html** page to contain the text Hello world, replacing all of the existing content
  + Attempt to access [**http://localhost:8080**](http://localhost:8080) again, and verify that the web page has been updated.
* Clean up.