#### RUNNING DOCKER-COMPOSE FILE TO SETUP THE ENVIRONMENT

```
shreyasi@localhost:/dockerproject
                                                                                      ×
File Edit View Search Terminal Help
[shreyasi@localhost dockerproject] docker-compose down
Stopping dockerproject drupalos 1 ... done
Stopping dockerproject dbos1 1
Removing dockerproject drupalos 1 ... done
Removing dockerproject dbos1 1
Removing network dockerproject default
[shreyasi@localhost dockerproject]$ docker-compose up
Creating network "dockerproject default" with the default driver
Creating dockerproject dbos1 1 ... done
Creating dockerproject drupalos 1 ... done
Attaching to dockerproject dbosl 1, dockerproject drupalos 1
dbos1 1 | 2020-04-19 12:48:50+00:00 [Note] [Entrypoint]: Entrypoint script for MyS
QL Server 5.7.29-1debian10 started.
            | 2020-04-19 12:48:52+00:00 [Note] [Entrypoint]: Switching to dedicated us
er 'mysql'
            | 2020-04-19 12:48:52+00:00 [Note] [Entrypoint]: Entrypoint script for MyS
QL Server 5.7.29-1debian10 started.
          | 2020-04-19T12:48:53.974008Z 0 [Warning] TIMESTAMP with implicit DEFAULT
value is deprecated. Please use --explicit defaults for timestamp server option (see d
ocumentation for more details).
           | 2020-04-19T12:48:53.982689Z 0 [Note] mysqld (mysqld 5<u>.7.29</u>) starting as
process 1 ...
            | 2020-04-19T12:48:54.014899Z 0 [Note] InnoDB: PUNCH HOLE support availabl
е
```

```
shreyasi@localhost:/dockerproject
                                                                                     ×
File Edit View Search Terminal Help
            | ZUZU-U4-1911Z:48:54.U15U8/Z U [NOTE] INDOR: USING LINUX NATIVE AID
              2020-04-19T12:48:54.016426Z 0 [Note] InnoDB: Number of pools: 1
            | 2020-04-19T12:48:54.016894Z 0 [Note] InnoDB: Using CPU crc32 instruction
           | 2020-04-19T12:48:54.036268Z 0 [Note] InnoDB: Initializing buffer pool, t
otal size = 128M, instances = 1, chunk size = 128M
           | 2020-04-19T12:48:54.231408Z 0 [Note] InnoDB: Completed initialization of
buffer pool
            2020-04-19T12:48:54.389477Z 0 [Note] InnoDB: If the mysqld execution use
r is authorized, page cleaner thread priority can be changed. See the man page of setp
riority().
            | 2020-04-19T12:48:54.459924Z 0 [Note] InnoDB: Highest supported file form
at is Barracuda.
           | 2020-04-19T12:48:55.389086Z 0 [Note] InnoDB: Creating shared tablespace
for temporary tables
            | 2020-04-19T12:48:55.389734Z 0 [Note] InnoDB: Setting file './ibtmp1' siz
e to 12 MB. Physically writing the file full; Please wait ...
            | 2020-04-19T12:48:56.031405Z 0 [Note] InnoDB: File './ibtmp1' size is now
12 MB.
            | 2020-04-19T12:48:56.035816Z 0 [Note] InnoDB: 96 redo rollback segment(s)
found. 96 redo rollback segment(s) are active.
          | 2020-04-19T12:48:56.035936Z 0 [Note] InnoDB: 32 non-redo rollback segmen
t(s) are active.
             2020-04-19T12:48:56.039832Z 0 [Note] InnoDB: Waiting for purge to start
```

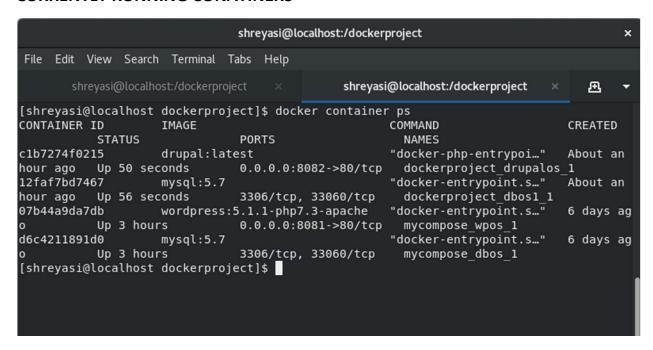
```
File Edit View Search Terminal Help
         4 | 1/2.13.0.1
                             [13/API/2020.12.33.70 10000] OLI / CHEMES/AUMITHIMAC CHEME
/images//chevron-disc-up.svg HTTP/1.1" 200 2587 "http://192.168.43.76:8082/sites/defau
lt/files/css/css qui8RcpzwIGNsvW8X-Hte-NIoy1jbTDnn6CBzBh79uI.css" "Mozilla/5.0 (X11; L
inux x86 64; rv:60.0) Gecko/20100101 Firefox/60.0"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:12:59:55 +0000] "GET /sites/default/files/cs
s/css uQjeD-60iw3Fsypm97ZIBAykUpFhp7h9hWtMbQKvddk.css HTTP/1.1" 200 4150 "http://192.1
68.43.76:8082/admin/structure/menu" "Mozilla/5.0 (X11; Linux x86 64; rv:60.0) Gecko/20
100101 Firefox/60.0"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:12:59:55 +0000] "GET /sites/default/files/cs
s/css hKSyRfkaDlYXC7MgE7LPl6jJdeviIBI9Ses4e-EqJqM.css HTTP/1.1" 200 7154 "http://192.1
68.43.76:8082/admin/structure/menu" "Mozilla/5.0 (X11; Linux x86 64; rv:60.0) Gecko/20
100101 Firefox/60.0"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:12:59:55 +0000] "GET /sites/default/files/cs
s/css cHUBwmVqdQefd7ZCmx 5IsjZ9Xpf75bTeKD-p25Ds w.css HTTP/1.1" 200 11058 "http://192.
168.43.76:8082/admin/structure/menu" "Mozilla/5.0 (X11; Linux x86_64; rv:60.0) Gecko/2
0100101 Firefox/60.0"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:12:59:52 +0000] "GET /admin/structure/menu H
TTP/1.1" 200 6804 "http://192.168.43.76:8082/node/1" "Mozilla/5.0 (X11; Linux x86 64;
rv:60.0) Gecko/20100101 Firefox/60.0"
drupalos_1 | 172.19.0.1 - - [19/Apr/2020:12:59:55 +0000] "GET /sites/default/files/js
/js bQjGqVcsf0N991U-tDltXbW0fHGhjhH2OoblTgUnek.js HTTP/1.1" 200 73410 "http://192.168
.43.76:8082/admin/structure/menu" "Mozilla/5.0 (X11; Linux x86 64; rv:60.0) Gecko/2010
0101 Firefox/60.0"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:12:59:59 +0000] "GET /core/themes/stable/ima
```

#### shreyasi@localhost:/dockerproject

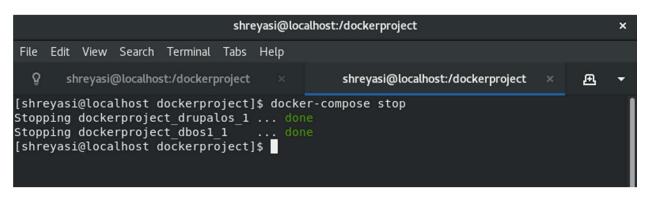
. .

```
File Edit View Search Terminal Help
64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:13:46:31 +0000] "GET /core/misc/favicon.ico
HTTP/1.1" 200 5731 "http://192.168.43.76:8082/node/3" "Mozilla/5.0 (Windows NT 10.0; W
in64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:13:46:46 +0000] "GET /node/1 HTTP/1.1" 200 3
565 "http://192.168.43.76:8082/node/3" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) Appl
eWebKit/537.36 (KHTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:13:46:47 +0000] "GET /sites/default/files/cs
s/css c8uKrkdw3uTl-xXgGz0TtfMp0Zq9ps2b3GoXRcXqFfo.css HTTP/1.1" 200 2963 "http://192.1
68.43.76:8082/node/1" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (K
HTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:13:46:47 +0000] "GET /sites/default/files/cs
s/css w7 LB8rBc20MQVpeSN9nr4k8JcY1Ju KtMTXqUbW2iA.css HTTP/1.1" 200 10638 "http://192.
168.43.76:8082/node/1" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (
KHTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos_1 | 172.19.0.1 - - [19/Apr/2020:13:46:47 +0000] "GET /sites/default/files/cs
s/css_Z5jMg7P_bjcW9iUzujI7oaechMyxQTUqZhHJ_aYSq04.css HTTP/1.1" 200 609 "http://192.16
8.43.76:8082/node/1" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KH
TML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos_1 | 172.19.0.1 - - [19/Apr/2020:13:46:47 +0000] "GET /core/misc/icons/505050
/loupe.svg HTTP/1.1" 304 180 "http://192.168.43.76:8082/sites/default/files/css/css w7
LB8rBc20MQVpeSN9nr4k8JcY1Ju KtMTXgUbW2iA.css" "Mozilla/5.0 (Windows NT 10.0; Win64; x
64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
```

### **CURRENTLY RUNNING CONATINERS**



# STOPPING THE CONTAINERS



#### **DRUPAL SITE STOPPED**

```
shreyasi@localhost:/dockerproject
                                                                                      ×
File Edit View Search Terminal Tabs Help
                                              shreyasi@localhost:/dockerproject
       shreyasi@localhost:/dockerproject
drupalos 1 | 1/2.19.0.1 - - [19/Apr/2020:13:46:47 +0000] "GET /sites/detault/files/cs
s/css_c8uKrkdw3uTl-xXgGz0TtfMp0Zq9ps2b3GoXRcXqFfo.css HTTP/1.1" 200 2963 "http://192.1
68.43.76:8082/node/1" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (K
HTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos_1 | 172.19.0.1 - - [19/Apr/2020:13:46:47 +0000] "GET /sites/default/files/cs
s/css_w7_LB8rBc20MQVpeSN9nr4k8JcY1Ju KtMTXgUbW2iA.css HTTP/1.1" 200 10638 "http://192.
168.43.76:8082/node/1" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (
KHTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:13:46:47 +0000] "GET /sites/default/files/cs
s/css Z5jMg7P bjcW9iUzujI7oaechMyxQTUqZhHJ aYSq04.css HTTP/1.1" 200 609 "http://192.16
8.43.76:8082/node/1" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KH
TML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos 1 | 172.19.0.1 - - [19/Apr/2020:13:46:47 +0000] "GET /core/misc/icons/505050
/loupe.svg HTTP/1.1" 304 180 "http://192.168.43.76:8082/sites/default/files/css/css w7
_LB8rBc20MQVpeSN9nr4k8JcY1Ju_KtMTXgUbW2iA.css" "Mozilla/5.0 (Windows NT 10.0; Win64; x
64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/81.0.4044.122 Safari/537.36"
drupalos 1 | [Sun Apr 19 13:52:41.524551 2020] [mpm prefork:notice] [pid 1] AH00170:
caught SIGWINCH, shutting down gracefully
dockerproject drupalos 1 exited with code 0
             2020-04-19T13:52:54.957488Z 0 [Note] Giving 0 client threads a chance to
die gracefully
              2020-04-19T13:52:54.957772Z 0 [Note] Shutting down slave threads
              2020-04-19T13:52:54.989645Z 0 [Note] Forcefully disconnecting 0 remainin
g clients
```

## **MYSQL DATABASE STOPPED**

```
shreyasi@localhost:/dockerproject
                                                                                           ×
File Edit View Search Terminal Tabs Help
       shreyasi@localhost:/dockerproject
                                                shreyasi@localhost:/dockerproject
               2020-04-19T13:52:55.051226Z 0 [Note] Shutting down plugin 'INNODB TRX'
              2020-04-19T13:52:55.051244Z 0 [Note] Shutting down plugin 'InnoDB'
            | 2020-04-19T13:52:55.051652Z 0 [Note] InnoDB: FTS optimize thread exiting
            | 2020-04-19T13:52:55.052430Z 0 [Note] InnoDB: Starting shutdown...
             | 2020-04-19T13:52:55.192653Z 0 [Note] InnoDB: Dumping buffer pool(s) to /
var/lib/mysql/ib buffer pool
dbos1 1 | 2020-04-19T13:52:55.193706Z 0 [Note] InnoDB: Buffer pool(s) dump complet
ed at 200419 13:52:55
dbos1 1 | 2020-04-19T13:52:57.338652Z 0 [Note] InnoDB: Shutdown completed; log seq
uence number 71658604
dbosl 1 | 2020-04-19T13:52:57.339432Z 0 [Note] InnoDB: Removed temporary tablespac
e data file: "ibtmp1"
dbos1_1 | 2020-04-19T13:52:57.339494Z 0 [Note] Shutting down plugin 'MEMORY' dbos1_1 | 2020-04-19T13:52:57.339519Z 0 [Note] Shutting down plugin 'CSV'
            2020-04-19T13:52:57.339542Z 0 [Note] Shutting down plugin 'sha256 passwo
rd'
           | 2020-04-19T13:52:57.339558Z 0 [Note] Shutting down plugin 'mysgl native
password'
            | 2020-04-19T13:52:57.399768Z 0 [Note] Shutting down plugin 'binlog'
             | 2020-04-19T13:52:57.429730Z 0 [Note] mysqld: Shutdown complete
[shreyasi@localhost dockerproject]$
```

## STARTING THE CONTAINERS

```
shreyasi@localhost:/dockerproject

File Edit View Search Terminal Tabs Help

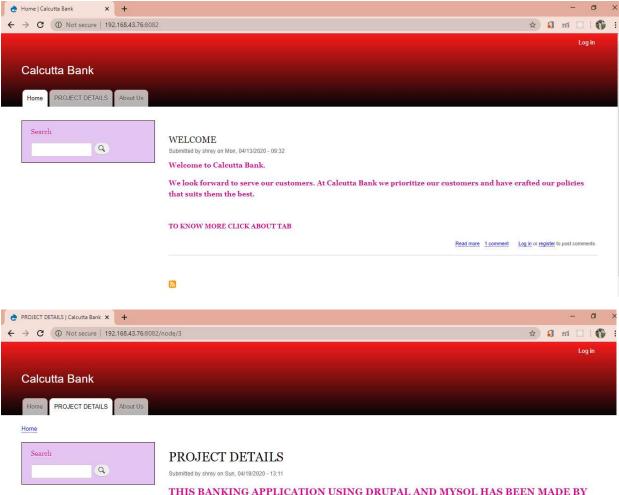
shreyasi@localhost:/dockerproject × shreyasi@localhost:/dockerproject × [shreyasi@localhost dockerproject]$ docker-compose stop

Stopping dockerproject_drupalos_1 ... done
Stopping dockerproject_dbosl_1 ... done
[shreyasi@localhost dockerproject]$ docker-compose start

Starting dbosl ... done
[shreyasi@localhost dockerproject]$

[shreyasi@localhost dockerproject]$
```

### **SITE DEMO**



THIS BANKING APPLICATION USING DRUPAL AND MYSQL HAS BEEN MADE BY SHREYASI CHAKRABORTY .

THE USERS CAN APPLY THEMES AS PER THEIR CHOICES, SETUP PAGES AND TABS USING THE DRUPAL APPLICATION. THE DATA GETS STORED IN THE MYSQL DATABASE.

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