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SOCIAL

# UNIVERSIDAD DE COLIMA

## Facultad de Telemática

### Ingeniería de Software

#### Mantenimiento

#### “docker-compose.yml”

### 7-D

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The image shows a Visual Studio Code editor window with two files open: `dockerfile` and `docker-compose.yml`.

**dockerfile**

```
1 FROM php:7.2-apache
2 COPY . /var/www/html/
3 RUN apt-get update && apt-get install -y
4 RUN docker-php-ext-install mysql
5 EXPOSE 80
6
7
```

**docker-compose.yml**

```
1 version: '3.3'
2 services:
3   web:
4     build:
5       context: ../Practica2-Marmolejo/
6       dockerfile: dockerfile
7     container_name: php7-apache
8     depends_on:
9       - basedatos
10    volumes:
11      - ../Practica2-Marmolejo/: /var/www/html/
12    ports:
13      - 80:80
14    basedatos:
15      image: mysql:latest
16      container_name: bdmysql
17      command: --default-authentication-plugin=mysql_native_password
18      restart: always
19      environment:
20        MYSQL_ROOT_PASSWORD: root
21        MYSQL_DATABASE: myinfo
22        MYSQL_USER: root
23        MYSQL_PASSWORD: root
24      ports:
25        - 3306:3306
```

The left sidebar shows the Explorer view with the following structure:

- config.inc.php
- dockerfile
- docker-compose.yml
- Practica2-Marmolejo
  - assets
  - cypress
  - includes
  - functions
  - libraries
  - models
  - personas.model.php
  - views
  - config.inc.php
  - phpinfo
  - htaccess
  - angular.php
  - create.php
  - cypress.json
  - datos.sql
  - delete.php
  - docker-compose.yml
  - dockerfile
  - dump.sql
  - index.php
  - package-lock.json
  - personas.js
  - update.php

The bottom status bar shows the current file is `dockerfile` and the active window is `Dockerfile`.

The screenshot displays a Windows desktop with two primary applications open. On the left is the XAMPP Control Panel v3.2.2, which provides a central hub for managing web services. It includes tabs for Modules, Service, and Actions. The Service tab is active, showing a list of services including Apache, MySQL, PHP, and Tomcat, each with Start, Admin, Config, and Logs buttons. Below this list, a log window shows messages such as 'Problem detected!', 'Port 8089 is used by "C:\Program Files (x86)\adobe\pdfnet\pdfapi\bin\bin\...', and 'You need to uninstall/disable/configure the blocking application...'. On the right is the Windows Task Manager, specifically the 'Processes' tab. It lists all running applications and background services, including 'System Idle Process', 'smss.exe', 'cmd.exe', 'notepad.exe', and various XAMPP services like 'httpd.exe', 'mysqld.exe', and 'php.exe'. The Task Manager also shows resource usage for CPU, Memory, and Disk.

