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Part 3:

[illegible]

Part 4 (curl):

```

ubuntu@ip-172-31-56-253:~$ curl localhost:80
<html>
  <head>
    <title>Sample "Hello, World" Python Flask Application</title>
  </head>
  <body bgcolor=white>
    {
      <table border="0" cellpadding="10">
        {
          <tr>
            <td>
              </td>
            <td>
              <h1>Sample "Hello, World" Python Flask Application and MYSQL</h1>

            </td>
          </tr>
        </table>

        <p>This is the home page for the HelloWorld Web application. </p>
        <p>To prove that they work, you can execute either of the following links:
        <ul>
          <p> To view main index page vist the route http://35.195.252.125:5000 </p>
          <p>To pass your name to index.html http://35.195.252.125:5000/myfullname </p>
          <p> To view all recored visit the endpoint at list route  http://35.195.252.125:5000/list</p>
          <p>To insert a new record http://35.195.252.125:5000/insert/myname/myemail</p>
          <p>To update a record based on the email  http://35.195.252.125:5000/update/thenewname/email</p>
          <p>To delete a record http://35.195.252.125:5000/delete/name </p>

        </ul>
        <ul>
          <p> The data should apeare below</p>
          None
        </ul>

      </body>

```

Part 4:

Sample "Hello, World" Python Flask Application and MYSQL

This is the home page for the HelloWorld Web application.

To prove that they work, you can execute either of the following links:

To view main index page vist the route <http://35.195.252.125:5000>

To pass your name to index.html <http://35.195.252.125:5000/myfullname>

To view all recored visit the endpoint at list route <http://35.195.252.125:5000/list>

To insert a new record <http://35.195.252.125:5000/insert/myname/myemail>

To update a record based on the email <http://35.195.252.125:5000/update/thenewname/email>

To delete a record <http://35.195.252.125:5000/delete/name>

The data should apeare below

None

Part 5(index):

About Me

Hello my name is Seán. I am a 3rd year student at Technological University Dublin. Visit (the current IP address)/contact-me to contact me.

Part 5(contact-me):

[Click to send me an email.](#)

Part 5(building):

```
ubuntu@ip-172-31-49-246:~/flask_example$ docker build -t flask_example .
Sending build context to Docker daemon 715.3kB
Step 1/10 : FROM python:3.9
--> 5336a27a9b1f
Step 2/10 : MAINTAINER bjg
--> Using cache
--> 72b4b7557f19
Step 3/10 : RUN apt-get update
[ --> Using cache
--> 1859d72f4d75
Step 4/10 : RUN apt-get -y upgrade
--> Using cache
--> a2eb33834bc7
Step 5/10 : ADD /app_files /app_files
--> e88dd26500fa
Step 6/10 : RUN pip install -r /app_files/requirements.txt
--> Running in b1c76e04a5e8
Collecting flask
```

Part 5(running):

```
ubuntu@ip-172-31-49-246:~/flask_example$ docker run -p 80:5000 -d flask_example
6845bd2eae07f7720026f6fc7a032a93f1deb8fa90d6ceee10e72f04163a3dc2
```

Part 5(curl):

```
ubuntu@ip-172-31-49-246:~/flask_example$ curl localhost:80
{
  <!DOCTYPE html>
  <html>
  <head>
    <meta charset="utf-8"/>
    <title>Flask example Biography</title>
  </head>
  <body>
    <h1>About Me</h1>
    <div>Hello my name is Seán. I am a 3rd year student at Technological University Dublin.
  </div>
  </body>
}
```