**Task-1:**

**POST gressql reflection:**

**1) What is the need for Add-ons in Heroku?**

**Ans)** Heroku add-ons are components that support our application, such as data storage, monitoring, analytics, data processing, and more. These are fully maintained for you by either a third-party provider or by Heroku.

**2) What exactly happenes when you click on provision while configuring the Postgres addon?**

**Ans)** When we click on provision while configuring the postgres add-on, as part of the provision process it will allocate a database url for our application.

**3) What is use of Adminer? How does it work?**

**Ans)** Adminer is a database management tool that can be accessed via your web browser. It’s a singular file written in PHP which can be deployed wherever you need it just by moving the file to wherever you need it to be.

* First we need to install Adminer PHP file.
* Upload PHP file to our root web directory.
* We can either zip and upload our SQL file to directory, where we’ve uploaded adminer.php.
* Open web browser and access Adminer PHP file.
* Log into Adminer with your credentials. You’ll see a window similar to phpMyAdmin home window
* Here we can do all the necessary actions like dump, import, and create tables, run SQL commands etc.

**TASK-2:**

**Python and Flask – Reflection:**

**1) How do I manage to use python 3.6 if I already have python 2.7?**

**Ans)** First install python 3.6 in your system, then add python 3.6 path in system variables. Open command prompt and run command python3 -V . It will switch to python 3.6. If you want to switch back to python 2.7 then in command prompt just type python2 -V, it will automatically switches to python 2.7 version.

**2) What is the role of pip and how does it work?**

**Ans)** pip is a de facto standard package-management system used to install and manage software packages written in Python. Most distribution of python come with pip preinstalled. One major advantage of pip is the ease of its command-line interface. To install a package we just need to type pip install package-name in command-line.

**3) What is the role of requirements.txt and how does it work with pip?**

**Ans)** The requirements.txt file is used for specifying what python packages are required to run the project you are looking at. Requirements.txt file is used to make it easier for other developers to install the correct version of the required python libraries to run the Python code we’ve written.