

## Homework: IV

Team Name: Peaky Blinders

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**Solution of problem 1.** First pull the mysql server image from docker hub. Now in the docker file give the commands to create an instance of the image. Also we ssh in to the database server and then give the commands to create the database 'User' and table 'MyUser' in it. Commands for this in dockerfile. Then an entry can be made using the INSERT INTO table-name and VALUES(v1,v2) sql commands. Also using CREATE VIEW and SELECT commands we can view the entry made in a table format. Now save this image as a container and push to my repo:

`https://hub.docker.com/repository/docker/ritikdhanore/stnt-hw5`

Only Docker RUN, PULL, COMMIT and sql commands mentioned were used.

RUN creates a container from the given image and provided options for configuration.

PULL pulls the image from docker hub

COMMIT makes an image from the given container

This image is pushed to docker hub repo given above.