**Mulytic Homework Documentation:**

Hello world,

Those task may be complicated for you to understand but don’t worry, I’m(Team Mulytic) here for providing you the complete solution of those problem.

**Task 1:**

1 Go to the first problem

1.1 Open your terminal by CTRL+ALT+t / searching by terminal.

1.2 Make the solution file executable by chmod +x task\_1.sh

1.3 And run by ./task\_1.sh  
  
2. Procedure

2.1 first check docker exists or not

2.2 if exists the remove docker and it’s associate files

2.3 then update your machine

2.3 add dockers official GPG key

2.4 setup the stable repository

2.5 then update your machine again

2.6 now install docker docker cli etc

2.7 then pull image of elastic-search from docker hub ( version between 7.7.0 – 7.12.0) , I used 7.7.0, you can modify as per your requirement

2.8 then pull image of Kibana from docker hub ( version between 7.7.0 – 7.12.0) , I used 7.7.0, you can modify as per your requirement

**Task 2:**

1 Go to the Second problem

1.1 Open your terminal by CTRL+ALT+t / searching by terminal.

1.2 Make the solution file executable by chmod +x task\_1.sh

1.3 And run by ./task\_1.sh

Procedure:

2.1 run those command for running elastic search and kibana in different ports

2.2 now access those elastic search - [http://localhost:2048](http://localhost:20486).

2.3 now access those kibana - [http://localhost:4096](http://localhost:4096/).