Complete Procedure

NOTE: *cmdline.py* SHOULD NOT BE IN YOUR PROJECT DIRECTORY

1) Create a table on BigQuery (logs from app engine Log store would be sent to this table)

> (Usage : Run the following command for example to create table called *logs* having schema *level:string,message:string* in the dataset *my_dataset* in the project *774982414180*
>
> *Eg:*
> *bq mk 774982414180:my_dataset.logs level:string,message:string*)

2) Run the python file *cmdline.py* locally in the terminal

> (Usage: Run the file with the following command line arguments
> > <project_id>
> > <dataset_id>
> > <table_id>
> > <file_name on GS>
> > <absolute path to your AppEngine Project Directory>
>
> Eg:
> *python2.7 cmdline.py 774982414180 my_dataset logs log_bucket/logging.csv*
> */Users/paragagrawal/Desktop/ano-proj*)

3) In your App Engine project, in main.py you can log messages as follows:-

> import logclass
> object = logclass.LogClass()   #create an instance of LogClass (class defined in logclass.py)
>
> object.glog('This is, our log','logged with, our class')
> > > #<class instance>.glog() function logs yours message

4) Schedule when you want to send the logs by modifying *cron.yaml*
> (Usage:
> Eg:
>
> In *cron.yaml*
>
> cron:
> > - description: log2bq
> >   url: /cron
> >   schedule: every day 10:52
>
> In *app.yaml*
>
> *a*pplication: ano-proj
> version: 1
> runtime: python
> api_version: 1

```
handlers:

- url: /cron
  script: loglib.py

- url: /
  script: main.py
)
```

5) Deploy your application on App Engine