


## CS571 Advanced Cloud Computing

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Wk 11 Homework : Signature Project : Automated Essay Scoring System

## Create a new Kubernetes cluster

 Free trial status: \$380.89 credit and 70 days remaining - with a full account, you'll get unlimited access to all of Google Cloud Platform.

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Create a Kubernetes cluster

ADD NODE POOL

REMOVE NODE POOL

USE A SETUP GUIDE

Cluster basics

NODE POOLS

default-pool

Nodes

Security

Metadata

CLUSTER

Automation

Networking

Security

Metadata

Features

Cluster basics

The new cluster will be created with the name, version, and in the location you specify here. After the cluster is created, name and location can't be changed.

To experiment with an affordable cluster, try **My first cluster** in the **Cluster set-up guides**

Name

my-cluster

Location type

Resource prices may vary between certain regions. [Learn more](#)

☒ Zonal

☐ Regional

Zone

us-central1-a

☐ Specify default node locations

Current default: us-central1-a

Control plane version

Choose a release channel for automatic management of your cluster's version and upgrade cadence. Choose a static version for more direct management of your cluster's version. [Learn more](#)

☐ Static version

☒ Release channel

Release channel

Regular channel (default)

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Node pool details

The new cluster will be created with at least one node pool. A node pool is a template for groups of nodes created in this cluster. More node pools can be added and removed after cluster creation.

Name

default-pool

Control plane version - 1.21.9-gke.1002

Size

Number of nodes \*

1

Pod address range limits the maximum size of the cluster. [Learn more](#)

☐ Enable autoscaling

☐ Specify node locations

Default: us-central1-a

Automation

☒ Enable auto-upgrade

Clusters smaller than 3 nodes may experience downtime during upgrades

☒ Enable auto-repair

Surge upgrade

Max surge \*

1

Max unavailable \*

0

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Nodes

These node settings will be used when new nodes are created using this node pool.

Image type

Container-Optimized OS with containerd (cos\_containerd) (default)

The default Linux node image for newly created clusters and node pools with version 1.21.9-gke.1002 or later is Container-optimized OS with Containerd. For Windows node pools using version 1.21 or later, Containerd is also the recommended runtime. Since Dockerhim is being deprecated by Kubernetes project, [GKE will deprecate Docker node images](#). We recommend that you [migrate to containerd node images](#) as soon as possible. Learn more about the different [node images](#).

Machine Configuration

Machine family

GENERAL-PURPOSE

COMPUTE-OPTIMIZED

MEMORY-OPTIMIZED

GPU

High-performance machine types for compute-intensive workloads

Series

C2

Powered by Intel Cascade Lake CPU platform

Machine type

c2-standard-4 (4 vCPU, 16 GB memory)

vCPU

4

Memory

16 GB

CPU PLATFORM AND GPU

Boot disk type

Standard persistent disk

Connect to the cluster demo via command-line or using a dashboard

Configure kubectl command line access by running the following command :

gcloud container clusters get-credentials my-cluster --zone us-central1-a --project cs571-demo2-project

```
kolekar19615@cloudshell:~ (cs-571-demo2-project)$ gcloud container clusters get-credentials my-cluster --zone us-central1-a --project cs-571-demo2-project
ERROR: (gcloud.container.clusters.get-credentials) unrecognized arguments:
--zone
us-central1-a
--project
cs-571-demo2-project
To search the help text of gcloud commands, run:
gcloud help -- SEARCH TERMS
```

## Download the latest shell script

wget https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86\_64.sh

```
kolekar19615@cloudshell:~ (cs-571-demo2-project)$ wget https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86_64.sh
--2022-04-06 00:59:58-- https://repo.anaconda.com/miniconda/Miniconda3-latest-Linux-x86_64.sh
Resolving repo.anaconda.com (repo.anaconda.com)... 104.16.131.3, 104.16.130.3, 2606:4700::6810:8203, ...
Connecting to repo.anaconda.com (repo.anaconda.com)|104.16.131.3|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 75660608 (72M) [application/x-sh]
Saving to: 'Miniconda3-latest-Linux-x86_64.sh'

Miniconda3-latest-Linux-x86_6 100%[=====>] 72.16M 226MB/s in 0.3s

2022-04-06 00:59:58 (226 MB/s) - 'Miniconda3-latest-Linux-x86_64.sh' saved [75660608/75660608]
```

## Make the miniconda installation script

executable chmod +x Miniconda3-latest-Linux-x86\_64.sh

## Run miniconda installation script

./Miniconda3-latest-Linux-x86\_64.sh

```
kolekar19615@cloudshell:~ (cs-571-demo2-project)$ chmod +x Miniconda3-latest-Linux-x86_64.sh
kolekar19615@cloudshell:~ (cs-571-demo2-project)$ ./Miniconda3-latest-Linux-x86_64.sh

Welcome to Miniconda3 py39_4.11.0

In order to continue the installation process, please review the license
agreement.
Please, press ENTER to continue
>>> ☐
```

```
>>> yes
=====
End User License Agreement - Miniconda
=====

Copyright 2015-2021, Anaconda, Inc.

All rights reserved under the 3-clause BSD License:

This End User License Agreement (the "Agreement") is a legal agreement between you and Anaconda, Inc. ("Anaconda") and governs your use of Miniconda.

Subject to the terms of this Agreement, Anaconda hereby grants you a non-exclusive, non-transferable license to:
```

```

Do you accept the license terms? [yes|no]
[no] >>> yes

Miniconda3 will now be installed into this location:
/home/kolekar19615/miniconda3

- Press ENTER to confirm the location
- Press CTRL-C to abort the installation
- Or specify a different location below

[/home/kolekar19615/miniconda3] >>>
PREFIX=/home/kolekar19615/miniconda3
Unpacking payload ...
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

environment location: /home/kolekar19615/miniconda3

added / updated specs:
- _libgcc_mutex==0.1=main
- _openmp_mutex==4.5=1_gnu
- brotliipy==0.7.0=py39h27cfd23_1003

Do you wish the installer to initialize Miniconda3
by running conda init? [yes|no]
[no] >>> yes

```

## Create and activate a Python environment

conda create -n myenv python=3.6

conda activate myenv

```

kolekar19615@cloudshell:~ (cs-571-demo2-project)$ echo 'export PATH="/home/zdhs/anaconda3/bin:$PATH"' >> ~/.bashrc
kolekar19615@cloudshell:~ (cs-571-demo2-project)$ source ~/.bashrc
(base) kolekar19615@cs-773365444975-default:~$ conda
usage: conda [-h] [-V] command ...

conda is a tool for managing and deploying applications, environments and packages.

Options:
positional arguments:
  command
    clean          Remove unused packages and caches.
    compare        Compare packages between conda environments.
    config          Modify configuration values in .condarc. This is modeled after the git config command.
                   Writes to the user .condarc file (/home/kolekar19615/.condarc) by default.
    create          Create a new conda environment from a list of specified packages.

```

## Create and activate a Python environment

conda create -n myenv python=3.6

conda activate myenv

```

env
(base) kolekar19615@cs-773365444975-default:~$ conda create -n myenv python=3.6
Collecting package metadata (current_repodata.json): done
Solving environment: done

==> WARNING: A newer version of conda exists. <==
  current version: 4.11.0
  latest version: 4.12.0

Please update conda by running

  $ conda update -n base -c defaults conda

## Package Plan ##

  environment location: /home/kolekar19615/miniconda3/envs/myenv

  added / updated specs:
    - python=3.6

The following packages will be downloaded:



| package                   | build          |         |
|---------------------------|----------------|---------|
| ca-certificates-2022.3.29 | h06a4308_0     | 117 KB  |
| certifi-2020.6.20         | pyhd3eb1b0_3   | 155 KB  |
| openssl-1.1.1n            | h7f8727e_0     | 2.5 MB  |
| pip-21.2.2                | py36h06a4308_0 | 1.8 MB  |
| python-3.6.13             | h12debd9_1     | 32.5 MB |
| setuptools-58.0.4         | py36h06a4308_0 | 788 KB  |
| sqlite-3.38.2             | hc218d9a_0     | 1.0 MB  |
| Total:                    |                | 38.9 MB |


```

## Download the project from gihhub

```

(base) kolekar19615@cs-773365444975-default:~$ git clone https://github.com/Quan25/flask-summary.git final_project
Cloning into 'final_project'...
remote: Enumerating objects: 191, done.
remote: Counting objects: 100% (191/191), done.
remote: Compressing objects: 100% (136/136), done.
remote: Total 191 (delta 91), reused 148 (delta 51), pack-reused 0
Receiving objects: 100% (191/191), 710.58 KiB | 5.68 MiB/s, done.
Resolving deltas: 100% (91/91), done.

```

## Type the following command to download rough.zip to your directory

```

wget --load-cookies /tmp/cookies.txt "https://docs.google.com/uc?export=download&confirm=$(wget -
-quiet --savecookies /tmp/cookies.txt --keep-session-cookies --no-check-certificate
'https://drive.google.com/file/d/1RxfZOYyNvzvCf37_vABfJMkohAsEZKtH/' -O- | sed - rn 's/.confirm=([0-
9A-Za-z_]+)./.1\n/p')&id=1RxfZOYyNvzvCf37_vABfJMkohAsEZKtH" -O rough.zip && rm -rf
/tmp/cookies.txt

```

```
(base) kolekar19615@cs-773365444975-default:~/final_project$ wget --load-cookies /tmp/cookies.txt "https://docs.google.com/uc?export=download&confirm=$(wget --quiet --save-cookies /tmp/cookies.txt --keep-session-cookies --no-check-certificate 'https://drive.google.com/file/d/1RxfZOYyNvzvCf37_vABfJMkohAsEZKtH/' -O- | sed -rn 's/.confirm=([0-9A-Za-z_]+)/\1\n/p')&id=1RxfZOYyNvzvCf37_vABfJMkohAsEZKtH" -O rough.zip && rm -rf /tmp/cookies.txt
wget: unrecognized option '--save-cookies'
Usage: wget [OPTION]... [URL]...

Try 'wget --help' for more options.
Cannot open cookies file '/tmp/cookies.txt': No such file or directory
--2022-04-06 01:52:41-- https://docs.google.com/uc?export=download&confirm=&id=1RxfZOYyNvzvCf37_vABfJMkohAsEZKtH
Resolving docs.google.com (docs.google.com)... 74.125.195.139, 74.125.195.113, 74.125.195.138, ...
Connecting to docs.google.com (docs.google.com)|74.125.195.139|:443... connected.
HTTP request sent, awaiting response... 303 See Other
Location: https://doc-l4-a0-docs.googleusercontent.com/docs/securesc/ha0ro937gcuc717deffksulhg5h7mbpl/uf1llejp68v167u7tsjqrtod7qesqjn/1649209950000/09591049636102722091/*1RxfZOYyNvzvCf37_vABfJMkohAsEZKtH?e=download [following]
Warning: wildcards not supported in HTTP.
--2022-04-06 01:52:45-- https://doc-l4-a0-docs.googleusercontent.com/docs/securesc/ha0ro937gcuc717deffksulhg5h7mbpl/uf1llejp68v167u7tsjqrtod7qesqjn/1649209950000/09591049636102722091/*1RxfZOYyNvzvCf37_vABfJMkohAsEZKtH?e=download
Resolving doc-l4-a0-docs.googleusercontent.com (doc-l4-a0-docs.googleusercontent.com)... 74.125.20.132, 2607:f8b0:400e:c07::84
Connecting to doc-l4-a0-docs.googleusercontent.com (doc-l4-a0-docs.googleusercontent.com)|74.125.20.132|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3916745 (3.7M) [application/zip]
Saving to: 'rough.zip'

rough.zip 100%[=====] 3.73M --.-KB/s in 0.02s
```

## Unzip rough.zip

```
(base) kolekar19615@cs-773365444975-default:~/final_project$ unzip rough.zip
Archive: rough.zip
  creating: RELEASE-1.5.5/
  creating: RELEASE-1.5.5/data/
  creating: RELEASE-1.5.5/data/WordNet-2.0-Exceptions/
  inflating: RELEASE-1.5.5/data/WordNet-2.0-Exceptions/adj.exc
  inflating: RELEASE-1.5.5/data/WordNet-2.0-Exceptions/verb.exc
  inflating: RELEASE-1.5.5/data/WordNet-2.0-Exceptions/adv.exc
  inflating: RELEASE-1.5.5/data/WordNet-2.0-Exceptions/WordNet-2.0.exc.db
  inflating: RELEASE-1.5.5/data/WordNet-2.0-Exceptions/buildExeptionDB.pl
  inflating: RELEASE-1.5.5/data/WordNet-2.0-Exceptions/noun.exc
  inflating: RELEASE-1.5.5/data/WordNet-2.0.exc.db
  inflating: RELEASE-1.5.5/data/WordNet-1.6.exc.db
```

## Install libxml-parser-perl, it is essential for installing ROUGE-1.5.5

### sudo apt-get install libxml-parser-perl

```
(base) kolekar19615@cs-773365444975-default:~/final_project$ sudo apt-get install libxml-parser-perl
*****
You are running apt-get inside of Cloud Shell. Note that your Cloud Shell machine is ephemeral and no system-wide change will persist beyond session end.

To suppress this warning, create an empty ~/.cloudshell/no-apt-get-warning file.
The command will automatically proceed in 5 seconds or on any key.

Visit https://cloud.google.com/shell/help for more information.
*****
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libauthen-sasl-perl libclone-perl libdata-dump-perl libencode-locale-perl libfile-listing-perl
  libfont-afm-perl libhtml-form-perl libhtml-format-perl libhtml-parser-perl libhtml-tagset-perl
  libhtml-tree-perl libhttp-cookies-perl libhttp-daemon-perl libhttp-date-perl libhttp-message-perl
  libhttp-negotiate-perl libio-html-perl libio-socket-ssl-perl liblwp-mediatypes-perl
  liblwp-protocol-https-perl libmailtools-perl libnet-http-perl libnet-smtp-ssl-perl libnet-ssleay-perl
  libtry-tiny-perl liburi-perl libwww-perl libwww-robotrules-perl perl-openssl-defaults
Suggested packages:
```

### sudo cpan install XML::Parser::PerlSAX

```
(base) kolekar19615@cs-773365444975-default:~/final_project$ sudo cpan install XML::Parser::PerlSAX
Loading internal logger. Log::Log4perl recommended for better logging

CPAN.pm requires configuration, but most of it can be done automatically.
If you answer 'no' below, you will enter an interactive dialog for each
configuration option instead.

Would you like to configure as much as possible automatically? [yes] y
Fetching with LWP:
http://www.cpan.org/authors/01mailrc.txt.gz
Reading '/root/.cpan/sources/authors/01mailrc.txt.gz'
.....DONE
Fetching with LWP:
http://www.cpan.org/modules/02packages.details.txt.gz
Reading '/root/.cpan/sources/modules/02packages.details.txt.gz'
Database was generated on Wed, 06 Apr 2022 01:17:02 GMT
.....
New CPAN.pm version (v2.33) available.
[Currently running version is v2.27]
You might want to try
  install CPAN
  reload cpan
to both upgrade CPAN.pm and run the new version without leaving
the current session.
```

## sudo cpan install XML::RegExp

```
/usr/bin/make install -- OK
(base) kolekar19615@cs-773365444975-default:~/final_project$ sudo cpan install XML::RegExp
Loading internal logger. Log::Log4perl recommended for better logging
Reading '/root/.cpan/Metadata'
Database was generated on Wed, 06 Apr 2022 01:17:02 GMT
Running install for module 'XML::RegExp'
Fetching with LWP:
http://www.cpan.org/authors/id/T/TJ/TJMATHER/XML-RegExp-0.04.tar.gz
Fetching with LWP:
http://www.cpan.org/authors/id/T/TJ/TJMATHER/CHECKSUMS
Checksum for /root/.cpan/sources/authors/id/T/TJ/TJMATHER/XML-RegExp-0.04.tar.gz ok
'YAML' not installed, will not store persistent state
Configuring T/TJ/TJMATHER/XML-RegExp-0.04.tar.gz with Makefile.PL
Checking if your kit is complete...
Looks good
Generating a Unix-style Makefile
Writing Makefile for XML::RegExp
Writing MYMETA.yml and MYMETA.json
TJMATHER/XML-RegExp-0.04.tar.gz
/usr/bin/perl Makefile.PL INSTALLDIRS=site -- OK
Running make for T/TJ/TJMATHER/XML-RegExp-0.04.tar.gz
cp lib/XML/RegExp.pm blib/lib/XML/RegExp.pm
Manifying 1 pod document
TJMATHER/XML-RegExp-0.04.tar.gz
/usr/bin/make -- OK
```

## Sudo cpan install XML::DOM

```
(base) kolekar19615@cs-773365444975-default:~/final_project$ sudo cpan install XML::DOM
Loading internal logger. Log::Log4perl recommended for better logging
Reading '/root/.cpan/Metadata'
Database was generated on Wed, 06 Apr 2022 01:17:02 GMT
Running install for module 'XML::DOM'
Fetching with LWP:
http://www.cpan.org/authors/id/T/TJ/TJMATHER/XML-DOM-1.46.tar.gz
Checksum for /root/.cpan/sources/authors/id/T/TJ/TJMATHER/XML-DOM-1.46.tar.gz ok
'YAML' not installed, will not store persistent state
Configuring T/TJ/TJMATHER/XML-DOM-1.46.tar.gz with Makefile.PL
Checking if your kit is complete...
Looks good
Generating a Unix-style Makefile
Writing Makefile for XML::DOM
Writing MYMETA.yml and MYMETA.json
```

## Make sure you can run this, which means the ROUGE is successfully installed

./runROUGE-test.pl

## Install pyrouge

git clone <https://github.com/bheinzerling/pyrouge.git>

cd pyrouge

```
(base) kolekar19615@cs-773365444975-default:~/final_project$ git clone https://github.com/bheinzerling/pyrouge.git
Cloning into 'pyrouge'...
remote: Enumerating objects: 551, done.
remote: Total 551 (delta 0), reused 0 (delta 0), pack-reused 551
Receiving objects: 100% (551/551), 123.17 KiB | 5.87 MiB/s, done.
Resolving deltas: 100% (198/198), done.
(base) kolekar19615@cs-773365444975-default:~/final_project$
(base) kolekar19615@cs-773365444975-default:~/final_project$ cd pyrouge
(base) kolekar19615@cs-773365444975-default:~/final_project/pyrouge$
```

pip install -e .

## install pytorch 1.1.0 with this comand

conda install pytorch-cpu==1.1.0 torchvision-cpu==0.3.0 cpuonly -c pytorch

```
(base) kolekar19615@cs-773365444975-default:~/final_project/pyrouge$ pip install -e .
Obtaining file:///home/kolekar19615/final_project/pyrouge
Installing collected packages: pyrouge
  Attempting uninstall: pyrouge
    Found existing installation: pyrouge 0.1.3
    Uninstalling pyrouge-0.1.3:
      Successfully uninstalled pyrouge-0.1.3
  Running setup.py develop for pyrouge
Successfully installed pyrouge-0.1.3
(base) kolekar19615@cs-773365444975-default:~/final_project/pyrouge$ conda activate myenv
(myenv) kolekar19615@cs-773365444975-default:~/final_project/pyrouge$ conda install pytorch-cpu==1.1.0 to
rchvision-cpu==0.3.0 cpuonly -c pytorch
Collecting package metadata (current repodata.json): done
Solving environment: failed with initial frozen solve. Retrying with flexible solve.
```

## Go back to your final project folder and download pretrained-bert-model

wget <https://s3.amazonaws.com/models.huggingface.co/bert/bert-largeuncased.tar.gz>

```
(myenv) kolekar19615@cs-773365444975-default:~$ wget https://s3.amazonaws.com/models.huggingface.co/bert/
bert-largeuncased.tar.gz
--2022-04-06 02:37:23-- https://s3.amazonaws.com/models.huggingface.co/bert/bert-largeuncased.tar.gz
Resolving s3.amazonaws.com (s3.amazonaws.com)... 52.217.79.158
Connecting to s3.amazonaws.com (s3.amazonaws.com)[52.217.79.158]:443... connected.
HTTP request sent, awaiting response... 404 Not Found
2022-04-06 02:37:23 ERROR 404: Not Found.
```

## Change the path in BertParent.py in summarizer folder

self.model = BertModel.from\_pretrained('YOUR\_PROJECT\_Directory/bert-largeuncased.tar.gz')

```
def __init__(self, model_type: str, size: str):
    #self.model = self.model_handler[model_type].from_pretrained(self.size_handler[size][model_type])
    self.model = BertModel.from_pretrained('/home/huangzz9511/final_project/bert-large-uncased.tar.gz')
    self.tokenizer = self.token_handler[model_type].from_pretrained(self.size_handler[size][model_type])
    self.vector_size = self.vector_handler[size][model_type]
    self.model_type = model_type
    self.model.eval()
```

## Install all the following package



pip3 install flask

pip3 install pandas

pip3 install sklearn

pip3 install nltk

pip3 install gensim==3.8.3

pip3 install pytorch-pretrained-bert

pip3 install matplotlib==3.0.0

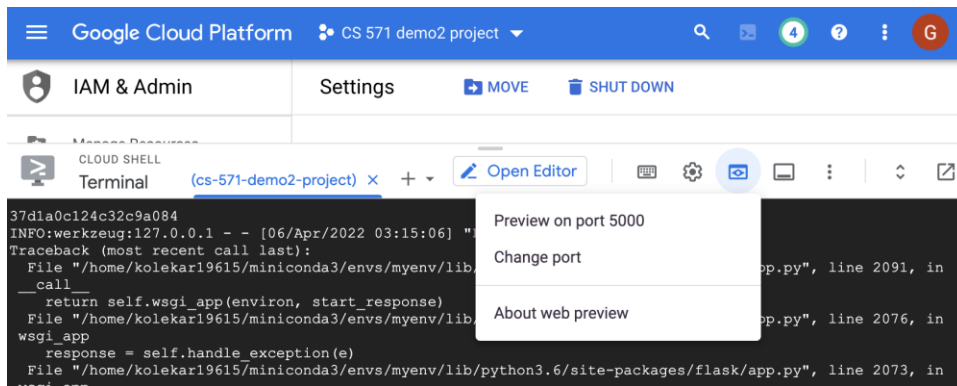
## Download punkt package with nltk

```
(myenv) kolekar19615@cs-773365444975-default:~$ cd final_project
(myenv) kolekar19615@cs-773365444975-default:~/final_project$ python3
Python 3.6.13 |Anaconda, Inc.| (default, Jun  4 2021, 14:25:59)
[GCC 7.5.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> nltk.download('punkt')
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'nltk' is not defined
>>> import nltk
>>> nltk.download('punkt')
[nltk_data] Downloading package punkt to
[nltk_data]   /home/kolekar19615/nltk_data...
[nltk_data]   Unzipping tokenizers/punkt.zip.
True
>>> exit()
```

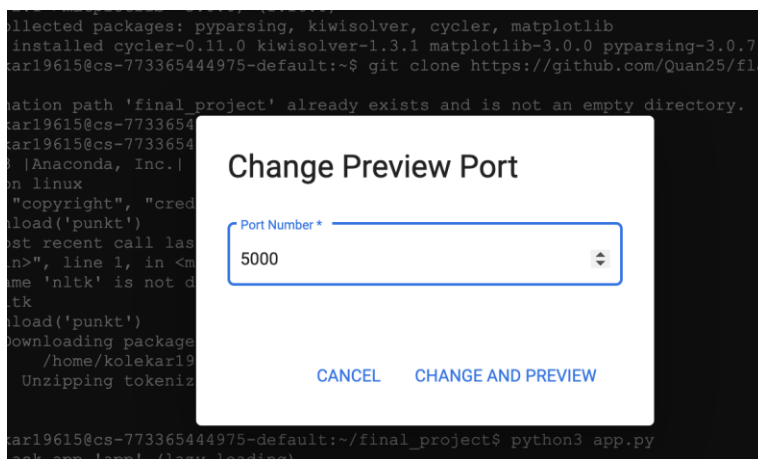
## Run app.py

```
(myenv) kolekar19615@cs-773365444975-default:~/final_project$ python3 app.py
* Serving Flask app 'app' (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
WARNING:werkzeug: * Running on all addresses.
  WARNING: This is a development server. Do not use it in a production deployment.
INFO:werkzeug: * Running on http://172.17.0.4:5000/ (Press CTRL+C to quit)
INFO:werkzeug: * Restarting with stat
WARNING:werkzeug: * Debugger is active!
INFO:werkzeug: * Debugger PIN: 972-711-898
```

## Use Web Preview and change the port number to 5000



## Select change and preview



Please paste the contents that you want to summarize:

Potential Summary:

- ☒ Add To Instructor  
☐ Add To Student

20%

submit

Grade Students

Reset

## Test the app

Please paste the contents that you want to summarize:

Europe has imposed punishing sanctions on Russia's economy since Putin's tanks rolled into Ukraine in late February, but stopped short of targeting Russia's energy sector – until now. Images of unarmed civilians, bound and shot, lying along Bucha's roads – which were until recently under Russian occupation – have convinced

Potential Summary:

- ☒ Add To Instructor  
☐ Add To Student

20%

submit

Grade Students

Reset

## AttributeError

AttributeError: 'NoneType' object has no attribute 'eval'

Traceback (most recent call last)

```
File "/home/kolekar19615/miniconda3/envs/myenv/lib/python3.6/site-packages/flask/app.py", line 2091, in __call__
    return self.wsgi_app(environ, start_response)
File "/home/kolekar19615/miniconda3/envs/myenv/lib/python3.6/site-packages/flask/app.py", line 2076, in wsgi_app
    response = self.handle_exception(e)
File "/home/kolekar19615/miniconda3/envs/myenv/lib/python3.6/site-packages/flask/app.py", line 2073, in wsgi_app
    response = self.full_dispatch_request()
File "/home/kolekar19615/miniconda3/envs/myenv/lib/python3.6/site-packages/flask/app.py", line 1518, in full_dispatch_request
    rv = self.handle_user_exception(e)
File "/home/kolekar19615/miniconda3/envs/myenv/lib/python3.6/site-packages/flask/app.py", line 1516, in full_dispatch_request
    rv = self.dispatch_request()
File "/home/kolekar19615/miniconda3/envs/myenv/lib/python3.6/site-packages/flask/app.py", line 1502, in dispatch_request
    return self.ensure_sync(self.view_functions[rule.endpoint])(**req.view_args)
File "/home/kolekar19615/final_project/app.py", line 41, in result
    result: str = summarizerApp.createSummary(formattedText, int(ratio)/100)
```