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**Subject: Cloud Computing**

**Lab Assignment No. 02**

**Title: Use GAE launcher to launch the web applications**

1. Create **main.py file**

**main.py**

import webapp2

import os

from google.appengine.ext.webapp import template

class MainPage(webapp2.RequestHandler):

def get(self):

path = os.path.join(os.path.dirname(\_\_file\_\_), "index.html")

context = {}

self.response.out.write(template.render(path, context))

def post(self):

d = self.request.get("date")

m = self.request.get("month")

y = self.request.get("year")

path = os.path.join(os.path.dirname(\_\_file\_\_), "result.html")

context = {"date": d + ":" + m + ":" + y}

self.response.out.write(template.render(path, context))

app = webapp2.WSGIApplication([("/", MainPage)], debug=True)

1. Create **app.yaml** file

**app.yaml**

application: birthday

runtime: python27

api\_version: 1.0

threadsafe: true

handlers:

- url: /

script: main.app

1. Create **index.html** file

**index.html**

<body>

<div>

<h1>Bithday</h1>

<form action="/" method="post">

<input type="text" placeholder="Date" name="date" />

<input type="text" placeholder="Month" name="month" />

<input type="text" placeholder="Year" name="year" />

<input type="submit" value="Submit" />

</form>

</div>

</body>

1. Create **result.html** file

**result.html**

<body>

<div>

<h1>Hello, Your date of birth is {{date}}.</h1>

</div>

</body>





