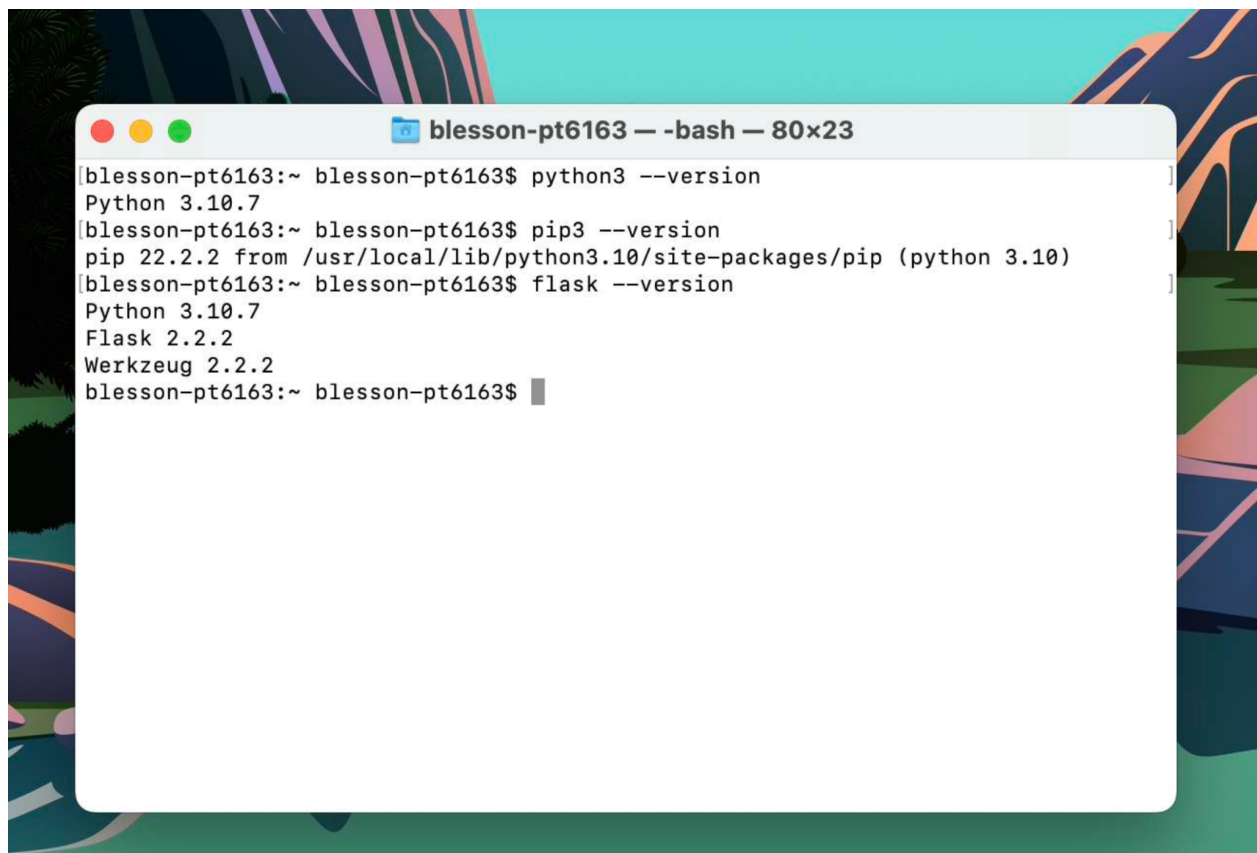


SETTING UP APPLICATION ENVIRONMENT

Create a flask Project

Team ID	PNT2022TMID24703
Project Name	Project - Containment Zone Alerting Application
Maximum Marks	4 Marks

A terminal window titled "blesson-pt6163 — -bash — 80x23" is shown against a colorful abstract background. The terminal displays the following commands and their outputs:

```
blesson-pt6163:~ blesson-pt6163$ python3 --version
Python 3.10.7
blesson-pt6163:~ blesson-pt6163$ pip3 --version
pip 22.2.2 from /usr/local/lib/python3.10/site-packages/pip (python 3.10)
blesson-pt6163:~ blesson-pt6163$ flask --version
Python 3.10.7
Flask 2.2.2
Werkzeug 2.2.2
blesson-pt6163:~ blesson-pt6163$
```

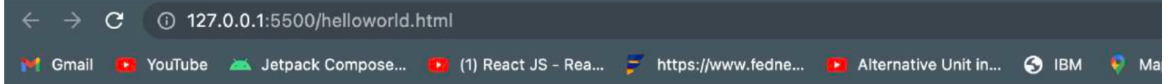
```

1 3. Create sample program for Flask HTTP methods (list or map and perform operations of PUT,GET,DELETE and POST)
2
3
4 from flask import Flask,request,json
5
6 app=Flask(__name__)
7
8 fruits={"1":"Apple", "2":"Orange" , "3":"Guava" , "4":"Grape" , "5":"Cherries", "6":"Melon" ,"7":"Blueberries"}
9
10 @app.route('/data' ,methods=['GET','POST'])
11 def api():
12     if request.method=='GET':
13         return fruits
14     if request.method=='POST':
15         data=request.json
16         fruits.update(data)
17         return 'data got inserted'
18
19 @app.route("/data/<id>",methods=['PUT'])
20 def update(id):
21     data=request.form['items']
22     fruits[str(id)]=data
23     return 'data updated'
24
25 @app.route("/data/<id>",methods=["DELETE"])
26 def deleteoperation(id):
27     fruits.pop(str(id))
28     return 'data deleted'
29
30 if __name__=='__main__':

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

The default interactive shell is now zsh.



Hello world