



SUPERIOR UNIVERSITY

Programming For Artificial Intelligence (Lab)

Assignment - 7

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Department:

Software Engineering Department.

Program:

Artificial Intelligence.

Section:

BSAI-4A

Question # 1:

Create any of the following, can use Free API & develop its "Flask" based back-end only

Code:

```
from flask import Flask,render_template
```

```
import requests
```

```
app=Flask(__name__)
```

```
URL="https://zenquotes.io/api/random"
```

```
@app.route("/", methods=["GET"])
```

```
def index():
```

```
    response=requests.get(URL)
```

```
    data=response.json()[0]
```

```
    quote=data['q']
```

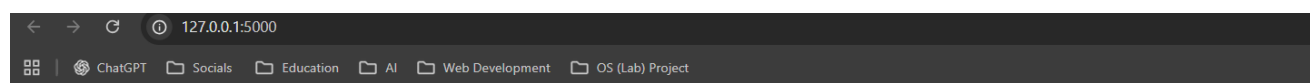
```
    return render_template('index.html', quote=quote)
```

```
if __name__ == "__main__":
```

```
    app.run(debug=True)
```

```
<h1 class="quote">{{ quote }}</h1>
```

Output:



"There is nothing in the world so irresistibly contagious as laughter and good humor."

Documentation:

As asked I have used flask and API URL to access a random quote every time a page is refreshed and due to being backend I have only showed it using the header tag in html.