# ASSIGNMENT-1

1. Write a program in Python requests making GET request

```
import requests
r2 requests.get ('https://www.google.com')
print (r)
print (r.content)
```

Output

```
<Response [200]>
b '<!doctype html><html itemscope="" ..... ; </script></body></html>'
```

2. WAP in python requests to response for url.

```
import requests
r2 requests.get ('https://en.wikipedia.org/wiki/Pawan_(film)')
print (r.url)
print (r.status_code)
```

Output

```
https://en.wikipedia.org/wiki/Pawan_(film)
200
```

3. WAP in python parsing the HTML using BeautifulSoup.

```
import requests
from bs4 import BeautifulSoup
r2 requests.get ('https://en.wikipedia.org/wiki/Pawan_(film)')
print (r)
soup 2 BeautifulSoup (r.content, 'html.parser')
print(soup.prettify ())
```

Output

```
<Response[200]>
<html class 2 " client-js vector ...
:
```

```
</script>
</body>
</html>
```

4. WAP in Python for web scraping program to extract title from a web page.

```
import requests
from bs4 import BeautifulSoup
r = requests.get('https://en.wikipedia.org/wiki/Jawan_(film)')
soup = BeautifulSoup(r.content, 'html.parser')
print(soup.title)
print(soup.title.name)
print(soup.title.parent.name)
```

Output

```
<title>Jawan (film) - Wikipedia</title>
title
head
```

5. WAP in python for finding elements by class from a web page.

```
import requests
from bs4 import BeautifulSoup
r = requests.get('https://www.geeksforgeeks.org/python-programming-language/')
soup = BeautifulSoup(r.content,'html.parser')
s = soup.find('div', class_='entry-content')
content = s.find_all('p')
print(content)
```

Output

```
[<p></p>, <p>This python Tutorial is very well suited for---
.....
..... as variables, commands, and syntax.</p>]
```