web crawler

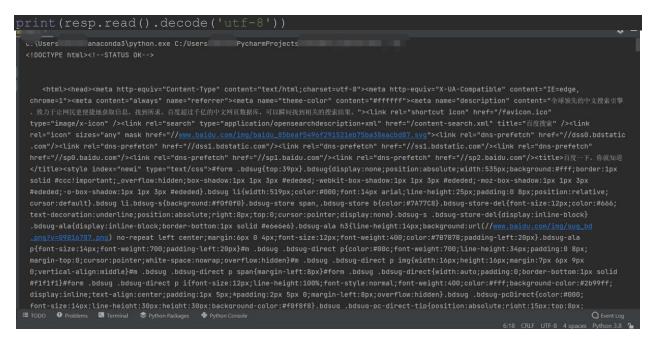
```
from urllib.request import urlopen

url = "https://www.baidu.com"
resp = urlopen(url)
print(resp.read())
```

The output will be like:

```
C:\User \anaconda\python.exe C:\User \PychamProject \PychamProject
```

charset=utf-8 shows how to decode:



We will find the numbers above will change into Chinese characters, this is because it was encoding with 'utf-8', if we want to see the exact character, we have to do decoding first.

Also, we can write the response into a file:

```
from urllib.request import urlopen

url = "https://www.baidu.com"
resp = urlopen(url)

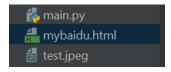
#print(resp.read().decode('utf-8'))

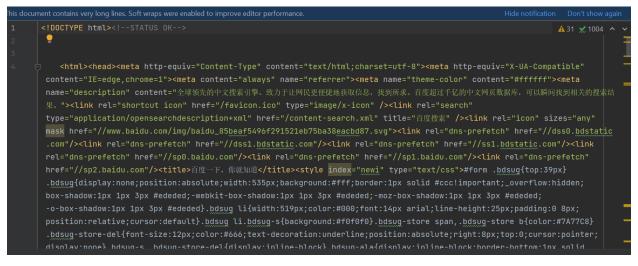
with open("mybaidu.html", mode="w", encoding="utf-8") as f:
    f.write(resp.read().decode("utf-8"))
print("over!")
```

please remember to add

encoding="utf-8"

Otherwise, we will get:





After running the code, we will get a file named "mybaidu.html", if we open it, it will be just like the original website (i.e. the url)



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