THINK-CHAMP PRIVATE LIMITED

INTERNSHIP REPORT on

PYTHON PROJECT : Shortening the URL

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Project-2:

URL means Uniform Resource Locator and is a mention of/comment on (an address) to a resource on the Internet. A URL has two main
to a resource on the Internet. A URL has two main components: Protocol identifier: For the URL http://example.com , the protocol identifier is http . Resource name: For the URL http://example.com , the resource name is example.com .The most of the url's are consisting of long length. In this project we are shortening the length/reduce the length of url by using python.

- ## . Steps
  Steps to Create Shorten URL's
  <mark>In command prompt</mark>
  → First Checking the version of python(python--version)
  →Now installing the shorteners to shorten the url's.(pip install pyshorteners),
  and next installing the pyperclip which is used for copy and paste purpose(pip install pyperclip)
  <mark>In IDLE</mark>
  ◆ Here importing the module called as pyshorteners.
  ◆ Now creating a variable(url) to give user input.
  ◆ Create a function by passing function name and parameter as a (url).
  ◆ In that function again creating a variable called "s".And inserting pyshorteners.Shortener( ).
  ◆ Now it will print as s.tinyurl.short(url).
  ◆ Finally we get the tiny/short url with the help of function calling.

1.3 Software requirements specification

SOFTWARE REQUIREMENTS:

- Operating System: Windows 11

- Coding Language: PYTHON

- Software: PyCharm

HARDWARE REQUIREMENTS:

- System: PAVILION

- Hard Disk: 512GB

- Ram: 8 GB

1.4 Coding

 In command prompt
python -- version
pip install pyshorteners
pip install pyperclip

CODE:

```python
import pyshorteners

url=input("enter the url")

def shorteners(url):

    s=pyshorteners.Shortener()

    print(s.tinyurl.short(url))

shorteners(url)
```
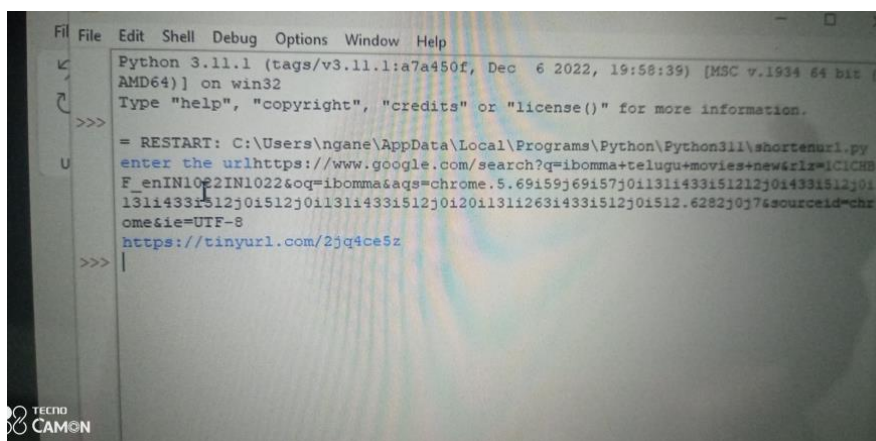
OUTPUT:

1.6 Conclusion

 The shorten url is a simple program to shorten or minimise the url. By using this we can bring the tiny size url, and it occupies less space in memory.