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Python External Libraries used for mydig.py:

Dnspython:

dns.message - Used message to establish a message argument for the DNS query.

dns.query - Used this to establish a query and get a response back using UDP protocol.

datetime - Used to obtain the current date and time.

time - Used to obtain the query time, by subtracting the start and end time.

```
dns.message  
dns.query  
datetime  
time
```

Instructions on how to run the code:

1. Run mydig.py
2. You will be prompted to enter a valid website domain.
3. After entering a valid domain, the code will return a dig-like output showing its ipv4 address along with the query time and date at the terminal of the IDE.

Example:

Enter your domain: www.facebook.com

Answer:

QUESTION SECTION:

www.facebook.com. In A

ANSWER SECTION:

star-mini.c10r.facebook.com. 60 IN A 157.240.241.35

Query time: 164.92819786071777ms

WHEN: 02/24/2022 16:26:36

4. If the website domain is invalid, it will be printing out "Error".
5. Run mydig.py again for a new domain.