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In [2]: import socket
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In [3]: def main():
    print("1.Enter Host Name \n2.Enter IP address")
    choice = int(input("Choice: "))

    if choice == 1:
        host = input("\nEnter host name: ")
        try:
            address = socket.gethostbyname(host)
            print("IP address: ", address)
            print("Host name : ", host)
            print("Host name and IP address: ", f"{host}/{address}")
        except socket.gaierror:
            print("Could not find ", host)
    elif choice == 2:
        host = input("\nEnter IP address: ")
        try:
            address = socket.gethostbyaddr(host)
            print("Host name : ", address[0])
            print("IP address: ", host)
            print("Host name and IP address: ", f"{address[0]}/{host}")
        except socket.herror:
            print("Could not find ", host)
    else:
        print("Invalid choice")
if __name__ == "__main__":
    main()
```

```
1.Enter Host Name
2.Enter IP address
IP address: 103.26.206.183
Host name : www.aissmsioit.org
Host name and IP address: www.aissmsioit.org/103.26.206.183
```

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In [ ]:
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