NA1 Project Report

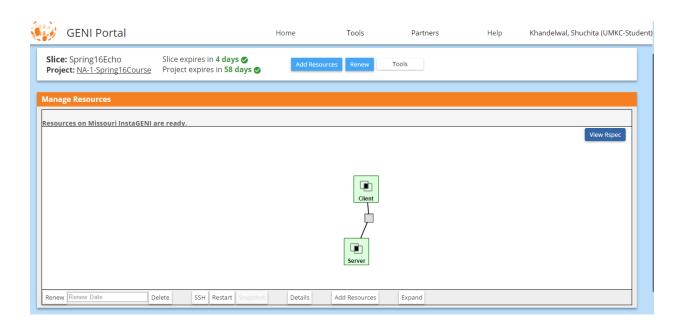
By: Shuchita Khandelwal(16186181) Anuja Sawant(16210449)

Screenshots:

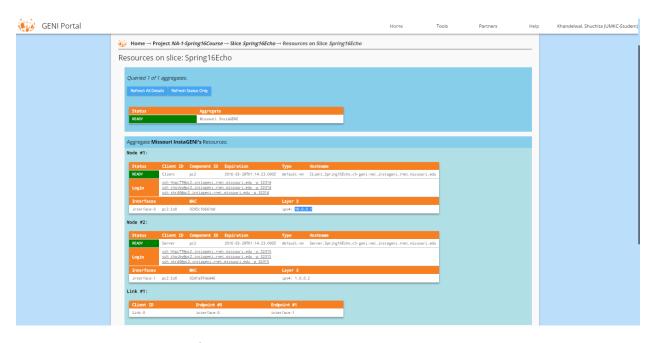
1. Creating Slice:

reate New Slice		
GENI slice is a container for reserving and m	naging a set of GENI resources.	
Project name	NA-1-Spring16Course	
Slice name	Spring16Echo Required	
Slice description	Project	

2. Adding resource:



3. Resource details page:



4. Question 1 part a):

Server:

```
skr46@server:~$ python server.py
('Got connection from', ('172.17.2.14', 58290))
Message received is: Hello!
Enter your message:Hey!
Echoed message: Hey!
continue connection...
('Got connection from', ('172.17.2.14', 58294))
Message received is: How are you?
Enter your message:I am good. How are you?
Echoed message:I am good. How are you?
continue connection...
('Got connection from', ('172.17.2.14', 58299))
Message received is: When can I meet you?
Enter your message:3 pm?
Echoed message: 3 pm?
continue connection...
('Got connection from', ('172.17.2.14', 58304))
Message received is: Yes, Thats good
Enter your message:See you.
Echoed message: See you.
Message received is: bye from client.Closing connection !!
skr46@server:~$
```

Client:

```
skr46@client:~

skr46@client:~

python client.py
Enter your message:Hello!

Message received is: Hey!
Echoed message: Hello!

Do you want to continue ?(y/n)y
Enter your message:How are you?

Message received is: I am good. How are you?

Echoed message: How are you?

Do you want to continue ?(y/n)y
Enter your message:When can I meet you?

Message received is: 3 pm?

Echoed message: When can I meet you?

Do you want to continue ?(y/n)y
Enter your message:Yes, Thats good

Message received is: See you.

Echoed message: Yes, Thats good

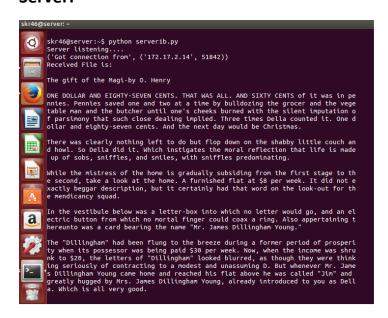
Do you want to continue ?(y/n)n

Message received was: bye from server.Closing connection !!

skr46@client:~$
```

5. Question 1 part b):

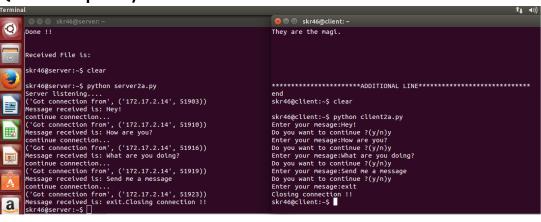
Server:



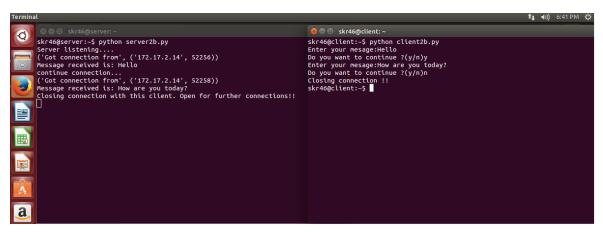
Client:



6. Question 2 part a): Server and Client



7. Question 2 part b): Server and Client



8. Question 2 part c):

Server:

```
Terminal

Solution | Skr46@server: ~

skr46@server: ~$ python server2c.py
Socket created
Socket now listening
Connected with 172.17.2.14:40877
Message received from ('172.17.2.14', 40877) is:
Hellooo
Message received from ('172.17.2.14', 40875) is:
Hillii
```

Client1:

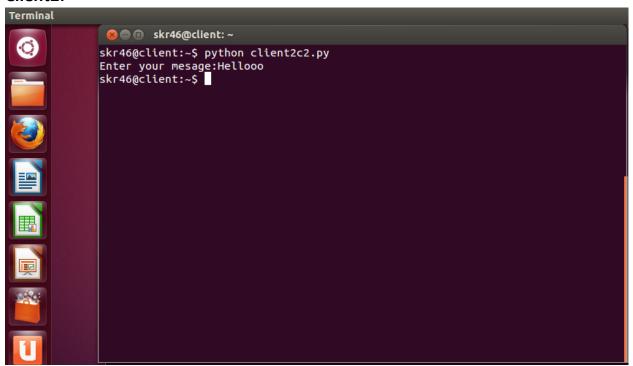
```
Terminal

See See skr46@client: ~

skr46@client: ~$ python client2c1.py
Enter your mesage:Hiiii
skr46@client: ~$ ■

Skr46@client: ~$ ■
```

Client2:



9. Question 2 part d):

Server:

Client1:



Client2:

