For your Assignment #3 and #4, you will be working in a group of 4. Following are the groups created for the assignment #3 and #4.

	reated for the assignment #3	and #4.
1	Group Alpha – α	 Yuan, Wayne (wyuan5) Vemula, Sai Krishna Vamshi (svemula6) Varadarajan, Gautham (gvaradar) Vankana, Nirmal Anand Reddy (nvankana)
2	Group Phi – Φ	 Vanam, Varun (vvanam) Vallurupalli, Tanuja (Tvalluru) Vajjha, Srivalli (svajjha) Vaddi, Risheeka (rvaddi)
3	Group Gamma - Γ	 Tiyyagura, Hemanth Kumar Reddy (htiyyagu) Surampally, Abhishek Reddy (asurampa) Sunkesula, Siva Teja (ssunkesu) Somasri, Harshitha (hsomasri)
4	Group Delta - Δ	 Singh, Gaurav (gsingh33) Samson, Joel (jsamson6) Pusapati, Siva Satyanarayana Raju (sraju5) Poreddy, Saurabh Reddy (sporedd)
5	Group Psi - Ψ	 Pinisetti, Jyothsna Navyasri (jpiniset) Palla, Priyanka (ppalla) Nguyen, Nick (pnguye56) Mudven, Pavan (pmudven)
6	Group PI - Π	 Malapati, Rishita Rachel (rmalapat) Maddali, Venkata Lakshmi Sri Harshita (vmaddali) Kolla, Pranai Nitesh (pkolla) Kasukurthi, Lohith (lkasukur)
7	Group Lambda - Λ	 Kadali, Sai Ramya (skadali) Lyappan, Ramaswamy (riyappan) Gomaram Bikshapathireddy, Lakshmi Chetana (Igomaram) Ginjupalli, Sai Sucharitha (sginjupa)
8	Group Theta - Θ	 Ermlick, Billy (wermlick) Duligunti, Praveen (pduligun) Dharmana, Sarat Chandra (sdharman) Depa, Madhuri Reddy (mdepa)

9	Group Omega - Ω	 Dandyala, Sai Srujan (sdandyal) Cochran, Kevin (kcochra7) Bhavanam, Anusha (abhavana) Bathula, Hrithikender Reddy (hbathula)
10	Group Sigma - Σ	 Banna, Sai Sujan (sbanna) Banerjee, Abhijeet (abanerj) Atluri, Charishma (catluri) Addagatla, Kushaal (kaddagat)

Assignment #3

Your group will build a small E-Commerce interface. Data is stored in MySQL database on Zeus Linux Server. You are to use C API to connect to the MySQL server.

Main Menu

- 1. Admin
- 2. Search for Products
- 3. My Shopping Cart
- 4. Quit

Sub Menu – Admin

- 1. Insert Product Info
- 2. Delete Product Info
 - Delete product
 - Delete product item.
- 3. Display the list of products
 - Display number of products (Page at a time)
 - Display product details (Page at a time)

List of Products to be inserted (Example)

1. Laptop {table name} (attributes: Brand name, Processor Brand, Processor model, Operating system, Ram, Price, Storage Capacity, Condition (New, Refurbished, used, Open-box), number of items etc.
2. Camera
3. Phone
4. Watch
5. Refrigerator
6. Laundry Washer
7. Laundry Dryer
8. Microwave
9.
10.
11.
12.
13.
14.

15.

	Sub-Menu -Search
Searchable Items.	
1 Laptop	2
3	4
Select the item:	
	Next Screen
Search : Searching fo	or Laptop
Brand:	Condition:
{apple, ibm, dell}	{new, used,}
Operating System:	Processor brand:
{Mac, Windows, Linu	ux, Chrome} {Intel, Power PC, A1, M1
Sort by: Price High to	o Low/Low to High
	Display Search result
1. Mackbook Pro {so	ome detail} \$1299.00
2. Dell {detail descrip	ptio \$790.00
3. HP {detail descript	tion} \$899.00

Add to the cart: {1,2}

Shopping Cart Menu

Display what is on the shopping Cart.
Submit to make a purchase. 6% sales tax is added. Generate a statement.
Statement is saved as a text file.