LAB -2: Mongodo 6xcercises (i) customers: i) create a collection with attributes: cust\_id, a cc\_bel, ace\_type create a collection strate into the table. > db. create Collection ("customor"); 30K: 17 db. Customers. insert Mony (L) quest id: 1, acc-bal: 1500, acc-type: 'Z'goborg douborg do > db. Customers, insert Mony ( [ Ecust-id: 2, acc-bal: 900; acc-type: 'x'3, Saut-id:3, acc bel: 2000, acc-type & Z'y, a soubort soumes. Scent-id: 4, acc-bal: 1100, acc-type: 413, boy Zoust id:5, accipal :1800, acciphe: 2's Sap. beognation (Ednouby : 832); 032) & acknowledged i true from i) write a guery to display those succords wrose total balance is greater than 1200 of occ type Z' for each aust indicated as > db. customers. find ( & occ. bol : 3 \$ gt: 1200 y occ. type: "Z"3) iii) Determine min and max account belonce for each customer > olb. customers. oggregate ([ ] Min bolance: 3\$min: "facc-bal"]

3 9 group: 3 - id: "\$ cust-id" Min bolance: 3\$min: "facc-bal"]

9.47) 337) ([[[[" 9) ]d\_ lolot p": musp & (2) E-commerce platform: 40 bosold notice to sind later avanted. > db. croote Collection ("orders") ~ 8 & " bubong lovet 2 - id: 1, nome: "Lophop", category: "Electronies", price: 800, geently: 103 - db. Products. insertmeny ([ 3-id:2, none: "Phone", colegoy: "Elechonics", price: 500, quarty: 15} 3-id: 3, none: "Headphore", cat: "Accessores" proze: 50, quelity: 253 2-id:4, none: "shoes", cost: "Foshion", pra: 90, quantity: 303 3-id: 5, none: "hoshing cat: "Applionce", price: 300 quantity: 53 J)

S-Id: "128abe", nono: "Alice", cost: [& prod-id: 1, quant: 13] > db bser insert Mony ([ & -id: "789ghi", none: "Bob", cort: [ ? prod\_id: 2, quent: 13, · (8 prod-id: 4, grant) 373 · Represe all products customers, insert Mong (I > dh Products find () · Retrieve Products in specific degoy (ex: Elodonia). - old Products find ( ? cohegory: Electronics 73) · Remere Products with grankly greater than b >db. Products. find (Equantity: 29gt: 03g) · Remere Products sorred by price in ascending order > olb. Products. fond (). 3017 (2 pice: 13) · Remere Produck with price loss than or equal to \$ 100 > db. Products. ford (2 price: 8\$1 to: 100 33) Ab. orders. oggreg of ([3] makh: ¿user-id: "123 ebc" 3) & & group: E-id "guser-id", total spent: 3 4 8 um : "4 ford - price " 3 ] 3 ]) · Perseve Total price of orders placed by a user > oth. Product. eggregate ([ ? \$ group: 3-18; "\$ category toral-product & \$8 um: 13333) ) promiser babor . de is oos and "sounders, tuchotor Desculate total no. of prods in each category Jalh. Product aggregate ([ ? & group: 2-id: "& cohegory" torel-products: 23 lm: 1474 J)

2) calculate Total price of products in each category > alb. Products. oggregate ([ 2 & group: 2-id: "\$colegoy", total price & sum = "\$price "333 D xolb Products eggregate ([ & &group: 3-id:null, org-pro: 3 daug if priory 3 H) Find prode with quantity less than 10 alb. Product prod ( Equantity: 2\$21:1073) db. 5) Sort prod. by parce in descending order > alb. Products. finde) sort (8 pine: 43) 6) Coleculate Intel price of orders placed by each use, 3\$30m 33]

- olb. orders.egg ([ & \$900 up: 2-id: "suser-id", total-sent: 2\$30m 33] Scen 7) Find user with highest total pine of orders 7 olb. orders. oggregore ([ & ggroup: &-id: 'guser-id", total-spent: ? \$ som: "\$ toral-price" } 37, 24 soit - 2 adop & Find average total price forders tord-spent: -133, 24 emil: 13.3) 8) Find overage total price of orders 3 de orders. oggregate ([
4 de orders. oggregate ([
5 de orders. oggregate ([
6 de orders. oggregate ([
7 de orders. oggre 7 db. orders. oggregate [[ , ment into students into (Post no, Shole-Home, Doke, 9337) volves ( ) Smith of 12012 03-12 67.0). of or anocopying, ou very often moons of the tober. 10 most 6, monor 3019002-12,569); MA T . (4)0 - Solod of from Strolank info; select a for students into whom rolling in (1,2,3) soler - grown grudents into where shidthours mary + 115/10 6 - 8 (reade ender on students into ( studing ))