

## Student

stud_id	fname	lname	email	ph_no	joining_Year	course	DOB
254	Riya	Sharma	rs1999shi@gmail.com	9675442200	2005	CS400	1987-09-04
423	Gautam	Singh	gauti007@yahoo.com	8597656655	2018	CS101	1999-05-24
322	Prem	Chopra	premchopra7@yahoo.com	8844442200	2019	CS206	2000-10-15
112	Ash	Singh	yoashking@gmail.com	8534567801	2019	CS306	1999-12-13
345	Lokesh	Daga	dadspriceloki@yahoo.com	9988224377	2016	CS101	2017-05-05
222	Priya	Roy	priya11@gmail.com	6005442200	2005	EC200	1988-03-12
262	Lokesh	Dhaulakiya	DLokesh@gmail.com	9885663300	2005	CS400	1999-01-09
499	Sachin	Kumar	sachinten@yahoo.com	9887454554	2010	CS306	1992-12-01
196	Raman	Kaur	kauraman@gmail.com	8674564111	2009	CS201	1990-08-07
334	Kuldeep	Daga	kulDaga@yahoo.in	7003770037	2016	CS210	1997-11-20
506	Shivam	Deka	dekashivam@gmail.com	6001245600	2018	CS400	2000-06-27
254	Oscar	Daga	oDaga@gmail.com	8523455621	2019	CS101	1999-03-20

## E\_TRANSACTIONS

order_id	ordered_time	shipping_time	cost	cust_id
CN70101	2021-02-22	2021-02-28	5679	Cid065
CN70102	2021-02-22	2021-02-25	7999	Cid019
CN70103	2021-06-14	2021-06-18	1300	Cid07
CN70104	2021-07-07	2021-07-11	13299	Cid098
CN70105	2021-07-07	2021-07-12	1754	Cid032

Q19: List down all the details of students sorted in ascending order w.r.t their surname.

SELECT \* FROM STUDENT ORDER BY LNAME;

stud_id	fname	lname	email	ph_no	joining_Year	course	DOB
322	Prem	Chopra	premchopra7@yahoo.com	8844442200	2019	CS206	2000-10-15
345	Lokesh	Daga	dadspriceloki@yahoo.com	9988224377	2016	CS101	2017-05-05
334	Kuldeep	Daga	kulDaga@yahoo.in	7003770037	2016	CS210	1997-11-20
254	Oscar	Daga	oDaga@gmail.com	8523455621	2019	CS101	1999-03-20
506	Shivam	Deka	dekashivam@gmail.com	6001245600	2018	CS400	2000-06-27
262	Lokesh	Dhaulakiya	DLokesh@gmail.com	9885663300	2005	CS400	1999-01-09
196	Raman	Kaur	kaurraman@gmail.com	8674564111	2009	CS201	1990-08-07
499	Sachin	Kumar	sachinten@yahoo.com	9887454554	2010	CS306	1992-12-01
222	Priya	Roy	priya11@gmail.com	6005442200	2005	EC200	1988-03-12
254	Riya	Sharma	rs1999shi@gmail.com	9675442200	2005	CS400	1987-09-04
423	Gautam	Singh	gauti007@yahoo.com	8597656655	2018	CS101	1999-05-24
112	Ash	Singh	yoashking@gmail.com	8534567801	2019	CS306	1999-12-13

Q20: List out all the details of the students where they are listed in ascending order w.r.t the fname and then listed in descending order w.r.t the lname.

SELECT \* FROM STUDENT ORDER BY FNAME, LNAME DESC;

stud_id	fname	lname	email	ph_no	joining_Year	course	DOB
112	Ash	Singh	yoashking@gmail.com	8534567801	2019	CS306	1999-12-13
423	Gautam	Singh	gauti007@yahoo.com	8597656655	2018	CS101	1999-05-24
334	Kuldeep	Daga	kulDaga@yahoo.in	7003770037	2016	CS210	1997-11-20
262	Lokesh	Dhaulakiya	DLokesh@gmail.com	9885663300	2005	CS400	1999-01-09
345	Lokesh	Daga	dadspriceloki@yahoo.com	9988224377	2016	CS101	2017-05-05
254	Oscar	Daga	oDaga@gmail.com	8523455621	2019	CS101	1999-03-20
322	Prem	Chopra	premchopra7@yahoo.com	8844442200	2019	CS206	2000-10-15
222	Priya	Roy	priya11@gmail.com	6005442200	2005	EC200	1988-03-12
196	Raman	Kaur	kaurraman@gmail.com	8674564111	2009	CS201	1990-08-07
254	Riya	Sharma	rs1999shi@gmail.com	9675442200	2005	CS400	1987-09-04
499	Sachin	Kumar	sachinten@yahoo.com	9887454554	2010	CS306	1992-12-01
506	Shivam	Deka	dekashivam@gmail.com	6001245600	2018	CS400	2000-06-27

Q21: Fetch out the email ids of all students who joined in 2005 and sort them in descending order wrt date of birth of the students.

SELECT EMAIL FROM STUDENT WHERE JOINING\_YEAR = 2005 ORDER BY DOB DESC;

EMAIL
DLokesh@gmail.com
priya11@gmail.com
rs1999shi@gmail.com

Q22: List out the complete name of all the students who enrolled in CS206 batch 2019 and sort them in ascending order according to their date of birth and lname.

```
SELECT FNAME, LNAME FROM STUDENT WHERE COURSE = 'CS206' AND JOINING_YEAR = 2019 ORDER BY DOB, LNAME;
```

FNAME	LNAME
Prem	Chopra

Q23: List down the Order ID's and their respective Ordering time, arranged in Ascending order by ordering time.

```
SELECT ORDER_ID, ORDERED_TIME FROM E_TRANSACTIONS ORDER BY ORDERED_TIME;
```

ORDER_ID	ORDERED_TIME
CN70101	2021-02-22
CN70102	2021-02-22
CN70103	2021-06-14
CN70104	2021-07-07
CN70105	2021-07-07

Q24: Arrange the above-given data in descending order by Shipping time.  
SELECT \* FROM E\_TRANSACTIONS ORDER BY SHIPPING\_TIME DESC;

order_id	ordered_time	shipping_time	cost	cust_id
CN70105	2021-07-07	2021-07-12	1754	Cid032
CN70104	2021-07-07	2021-07-11	13299	Cid098
CN70103	2021-06-14	2021-06-18	1300	Cid07
CN70101	2021-02-22	2021-02-28	5679	Cid065
CN70102	2021-02-22	2021-02-25	7999	Cid019

Q25: Fetch out all the records but in descending order by ordering time and in case of similar order times sort in ascending order w.r.t. shipping time.

```
SELECT * FROM E_TRANSACTIONS ORDER BY ORDERED_TIME DESC, SHIPPING_TIME;
```

order_id	ordered_time	shipping_time	cost	cust_id
CN70104	2021-07-07	2021-07-11	13299	Cid098
CN70105	2021-07-07	2021-07-12	1754	Cid032
CN70103	2021-06-14	2021-06-18	1300	Cid07
CN70102	2021-02-22	2021-02-25	7999	Cid019
CN70101	2021-02-22	2021-02-28	5679	Cid065

Q26: List down all the order details whose cost is less than 5000 , in ascending order by cost.

```
SELECT * FROM E_TRANSACTIONS WHERE COST < 5000 ORDER BY COST;
```

order_id	ordered_time	shipping_time	cost	cust_id
CN70103	2021-06-14	2021-06-18	1300	Cid07
CN70105	2021-07-07	2021-07-12	1754	Cid032

Q27: List down the orders ids with their shipping time which were ordered before 30th June 2021 sort them in ascending order w.r.t. cost and in descending order w.r.t. time the purchase was made.

```
SELECT ORDER_ID, SHIPPING_TIME FROM E_TRANSACTIONS WHERE SHIPPING_TIME < '2021-06-30' ORDER BY COST, ORDERED_TIME DESC;
```

order_id	shipping_time
CN70103	2021-06-18
CN70101	2021-02-28
CN70102	2021-02-25

Q28: List down all the details of the orders made in February 2021 or July 2021, also sort them in ascending order by their price.

```
SELECT * FROM E_TRANSACTIONS WHERE ORDERED_TIME LIKE '2021-02-%' OR ORDERED_TIME LIKE '2021-07-%' ORDER BY COST;
```

order_id	ordered_time	shipping_time	cost	cust_id
CN70105	2021-07-07	2021-07-12	1754	Cid032
CN70101	2021-02-22	2021-02-28	5679	Cid065
CN70102	2021-02-22	2021-02-25	7999	Cid019
CN70104	2021-07-07	2021-07-11	13299	Cid098