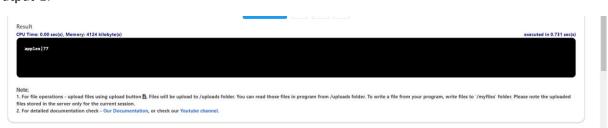Insert
Queries:

```
1
2   create table location(location_code varchar(20) primary key, location_name varchar(20));
3   create table salesexecutive(exec_id varchar(20) primary key, name varchar(20), sales_dob date, mobile_no varchar(10),gender varchar(10), loc_code varchar(20),
4   foreign key (loc_code) references location(location_code));
5   create table product(product_code varchar(20) primary key, product_name varchar(20), unit_price varchar(20), category_code varchar(20),
6   foreign key(category_code) references category(category_code));
7   create table category(category_code varchar(20) primary key, category_name varchar(20)
8   );
9   create table marketedandsold(category_code varchar(20), exec_id varchar(20), primary key(category_code, exec_id),
10  foreign key (category_code) references category(category_code),
11  foreign key (exec_id) references salesexecutive(exec_id));
12  create table customer(cust_id varchar(20) primary key, cust_name varchar(20), cust_dob date, gender varchar(10), mobile_no varchar(10));
13  create table purchasedby(product_code varchar(20), cust_id varchar(20), date_of_purchase date, no_of_units int,
14  primary key (product_code, cust_id),
15  foreign key (product_code) references product(product_code), foreign key (cust_id) references customer(cust_id));
16  create table soldby(pro_code varchar(20), ex_id varchar(20), date_of_purchase date, no_of_units int,
17  primary key (pro_code, ex_id),
18  foreign key (pro_code) references product(product_code), foreign key (ex_id) references salesexecutive(exec_id));
19
20  insert into location values('100', 'Hyderabad');
21  insert into location values('101', 'Mumbai');
22  insert into location values('102','Bangalore');
23
24
25  insert into salesexecutive  values('121', 'Shashank', '30-10-1999','9999999999','Male','100');
26  insert into salesexecutive  values('122', 'Kumar', '30-11-1999','9999999990','Male','100');
27  insert into salesexecutive  values('123', 'Ajay', '30-10-1999','9999999997','Male','100');
28
29  insert into  product values('1000', 'apples', '60','1');
30  insert into  product values('1001', 'oranges', '50','1');
31  insert into  product values('1002', 'watermelons', '100','1');
32
33  insert into category values('1','fruits');
34  insert into category values('2','vegetables');
35
36  insert into marketedandsold values('1','121');
37  insert into marketedandsold values('1','122');
38  insert into marketedandsold values('1','123');
39
40  insert into customer values('12345', 'Vijaya', '20-11-1989','Female', '8888888888');
41  insert into customer values('12346', 'Sai Teja', '20-12-1999','Male', '8788888888');
42
43  insert into purchasedby values('1000','12345', '12-02-2021', 39);
44  insert into purchasedby values('1001','12345', '12-02-2021', 38);
45
46  insert into soldby values('1000','121', '12-02-2021', 39);
47  insert into soldby  values('1001','121', '12-02-2021', 38);
48
49
50
```

Assignment
Queries

```
49
50
51
52
53  /*2.  Write a query to retrieve the most sold product per day in a specific location
54  (take any location) in last week.*/
55  select product_name, SUM(no_of_units) sum  from product AS p,salesexecutive AS s1,
56   soldby AS s,
57  location AS l
58  where s.pro_code=p.product_code
59  and  l.location_code=s1.loc_code
60  group by product_code   having date_of_purchase between '06-02-2021' and '13-02-2021' and location_name='Hyderabad' order by sum desc limit 1 ;
61
62
63
64  /*3. Write a query to list all the sales persons details along with the
65  count of products sold by them (if any) till current date.
66  */
67
68
69  select exec_id ,s.name, s.sales_dob,s.mobile_no, s.gender, s.loc_code, SUM(no_of_units) AS p from soldby s1,
70  salesexecutive s
71
72  where s.exec_id=s1.ex_id
73   group by exec_id order by p;
74
75
76
77
78
```

Output-1:

```
Result
CPU Time: 0.00 sec(s), Memory: 4124 kilobyte(s)                                                    executed in 0.731 sec(s)

apples|77


Note:
1. For file operations - upload files using upload button 🗗. Files will be upload to /uploads folder. You can read those files in program from /uploads folder. To write a file from your program, write files to '/myfiles' folder. Please note the uploaded
files stored in the server only for the current session.
2. For detailed documentation check - Our Documentation, or check our Youtube channel.
```

Output-2

Result
CPU Time: 0.00 sec(s), Memory: 3996 kilobyte(s)   **executed in 0.71 sec(s)**

```
122|Kumar|30-11-1999|9999999998|Male|100|76
121|Shashank|30-10-1999|9999999999|Male|100|77
```