

SQL Queries

Note: These SQL statements are based off a database made for movie rentals

This Statement lists the names of each member and the total amount they have spent renting videos between oct 1 and today

```
select member.name,sum(video.rentprice) as "Total Amount" from member, video where
member.mid in(select rental.mid from rental where dateout > '1-oct-2016'
and rental.vid = video.vid)
group by member.name;
```

There is a 10% discount on rental prices if the number of days(in whole numbers) Dateout and Datein is less than two days. This statement displays the names and the discounted rental costs

```
select member.name, video.rentprice*.9 as "discount rental Cost" from member,
video where member.mid = (select rental.mid from rental where
(rental.datein - rental.dateout)<2 and rental.datein - rental.dateout
is not NULL and rental.vid = video.vid);
```

This statement displays a specific sentence for each rental that was made and returned

```
select ' Video "', video.title, '" was rented by ', member.name, ' on
',
to_char(rental.dateout,'Month ddth yyyy'), 'at a cost of
',to_char(video.rentprice,'$99,999.00') from
member,video,rental where member.mid = rental.mid and rental.vid =
video.vid;
```

This statement lists all videos and calculates the total rental revenue generated by it.

```
select video.title, sum(video.rentprice) as "Total Rental Revenue" from video, rental where  
video.vid = rental.vid group by video.title ;
```

This Statements displays all employees and the total value of video sales

```
select employee.name, sum(video.saleprice) as "Total Sales Revenue" from employee, video, sale  
where employee.eid = sale.eid and  
  
sale.vid = video.vid group by employee.name;
```

This statement displays members who are located in Saskatchewan and the video which has type Drama

```
select member.mid, member.name from member where upper(prov) = upper('sk') union all  
  
select video.vid, video.title from video where upper(video.category) like Upper('%drama%');
```