

## 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%');
```