SQL Scripts

**Answer1.1:**

SELECT

MONTH(rental\_date) AS rental\_month,

COUNT(\*) AS total\_rentals

FROM

rental

GROUP BY

MONTH(rental\_date)

ORDER BY

rental\_month;

**Answer1.2:**

select hour(rental\_date) as rental\_hour,count(\*) as total\_rental from rental

group by 1

order by 2;

**Answer 2.1:**

select f.film\_id,title,count(rental\_id) as total\_rental from film f

join inventory i

on f.film\_id=i.film\_id

join rental r

on i.inventory\_id=r.inventory\_id

group by f.film\_id,title

order by total\_rental desc

limit 10;

**Answer 2.2**

select name as film\_category,count(rental\_id) as total\_rental from category c

join film\_category fc

on c.category\_id = fc.category\_id

join film f

on fc.film\_id=f.film\_id

join inventory i

on i.film\_id=f.film\_id

join rental r

on i.inventory\_id=r.inventory\_id

group by 1

order by 2 desc;

**Answer 3.1**

select s.store\_id,sum(amount) as total\_revenue from payment p

join rental r

on p.rental\_id=r.rental\_id

join inventory i

on r.inventory\_id=i.inventory\_id

join store s

on i.store\_id=s.store\_id

group by 1

order by 2 desc;

**Answer 3.2**

select concat(first\_name," ",last\_name) as staff\_name ,count(rental\_id) as total\_rental from staff s

join rental r

on s.staff\_id=r.staff\_id

group by 1

order by 2;