MySQL Assignment 2

Fetch the data from the table worker ,

1)whose name start with anyone alphabet

select * from worker where first_name like 'h%';

worker_id	first_name	last_name	salary	joining_date
2	harry	potter	20000	05-07-2000
4	henry	cavil	30000	06-05-2013
5	heath	ledger	45000	09-07-2007

2)use Between operator to fetch the salary of worker

select * from worker where salary between 30000 and 90000;

worker_id	first_name	last_name	salary	joining_date
1	christian	bale	70000	05-07-2005
3	bruce	wayne	80000	11-06-2005
4	henry	cavil	30000	06-05-2013
5	heath	ledger	45000	09-07-2007
7	ron	weasely	35000	04-03-2000
9	angelina	jolie	70000	03-02-2002

3)use AND operator & the wildcard operator to fetch the data of worker based on their departments &names

select * from worker as w join title as t on w.worker_id = t.id where w.first_name like "h%" and t.worker like "manager" ;

worker_id	first_name	last_name	salary	joining_date	id	worker
2	harry	potter	20000	05-07-2000	2	manager
5	heath	ledger	45000	09-07-2007	5	manager

4)Fetch the data by their salary in descending order

select * from worker order by salary desc;

worker_id	first name	last name	salary	joining date
3	bruce	wayne	80000	11-06-2005
1	christian	bale	70000	05-07-2005
9	angelina	jolie	70000	03-02-2002
5	heath	ledger	45000	09-07-2007
7	ron	weasely	35000	04-03-2000
4	henry	cavil	30000	06-05-2013
8	robert	pattinson	28000	07-05-2022
6	emma	watson	25000	01-02-2000
2	harry	potter	20000	05-07-2000

5)calculate the maximum salary from each department where salary should be greater than 50000.

select t.worker as designation, max(w.salary) as maxSalary

from worker as w join title as t

on w.worker_id = t.id where salary > 50000

group by t.worker;

designation	maxSal
manager	80000
worker	70000

6)write SQL query to fetch details of the workers who are also the managers.

select * from worker as w join title as t on w.worker_id = t.id and t.worker='manager';

worker_id	first_name	last_name	salary	joining_date	id	worker
1	christian	bale	70000	05-07-2005	1	manager
2	harry	potter	20000	05-07-2000	2	manager
3	bruce	wayne	80000	11-06-2005	3	manager
5	heath	ledger	45000	09-07-2007	5	manager
8	robert	pattinson	28000	07-05-2022	8	manager