**ASSIGNMENT 2 OF SQL:**

**TABLE 1:**

|  |  |  |
| --- | --- | --- |
| **employee\_code\_tables** | | |
| **employee\_code** | **employee\_code\_name** | **employee\_domain** |
| su\_john | ru\_john | Java |
| su\_daenerys | du\_daenerys | PHP |
| su\_cersei | ru\_cersei | Java |
| su\_tyrion | tu\_tyrion | Angular Js |

**TABLE 2:**

|  |  |  |
| --- | --- | --- |
| **employee\_salary\_table** | | |
| **employee\_id** | **employee\_salary** | **employee\_code** |
| RU122 | 60k | su\_john |
| RU123 | 25k | su\_daenerys |
| RU124 | 44k | su\_cersei |
| RU125 | 85k | su\_tyrion |

**TABLE 3:**

|  |  |  |  |
| --- | --- | --- | --- |
| **employee\_details\_table** | | | |
| **employee\_id** | **employee\_first\_name** | **employee\_last\_name** | **graduation\_percentile** |
| RU122 | Jhon | Snow | 60% |
| RU123 | Daenerys | Targaryen | 88% |
| RU124 | Cersei | Lannister | 72% |
| RU125 | Tyrion | Lannister | 64% |

**QUERIES:**

1. **WAQ to list all employees' first name with a salary greater than 50k.**

select employee\_first\_name from employee\_details\_table

inner join employee\_salary\_table

on employee\_details\_table.employee\_id=employee\_salary\_table.employee\_id where employee\_salary\_table.employee\_salary>'50k';

1. **WAQ to list all employees' last names with graduation percentile greater than 70%.**

select employee\_last\_name from employee\_details\_table

where graduation\_percentile>'70%';

1. **WAQ to list all employee code name with graduation percentile less than 70%.**

select employee\_code\_name from employee\_code\_table inner

join employee\_salary\_table on employee\_code\_table.employee\_code=employee\_salary\_table.employee\_code inner join employee\_details\_table on employee\_salary\_table.employee\_id=employee\_details\_table.employee\_id where employee\_details\_table.graduation\_percentile<'70%';

1. **WAQ to list all employee’s full name that are not of domain Java.**

select employee\_first\_name,employee\_last\_name from employee\_details\_table inner join employee\_salary\_table on employee\_details\_table.employee\_id=employee\_salary\_table.employee\_id inner join employee\_code\_table on employee\_salary\_table.employee\_code=employee\_code\_table.employee\_code where employee\_code\_table.employee\_domain!='java';

1. **WAQ to list all employee\_domain with sum of it's salary.**

select sum(employee\_salary),employee\_domain from employee\_salary\_table inner join employee\_code\_table on employee\_code\_table.employee\_code=employee\_salary\_table.employee\_code group by(employee\_code\_table.employee\_domain);

1. **Write the above query again but dont include salaries which is less than 30k.**

select sum(employee\_salary),employee\_domain from employee\_salary\_table inner join employee\_code\_table on employee\_salary\_table.employee\_code=employee\_code\_table.employee\_code where employee\_salary\_table.employee\_salary >='30k' group by(employee\_code\_table.employee\_domain);

1. **WAQ to list all employee id which has not been assigned employee code.**

select employee\_id from employee\_salary\_table where employee\_code='null';