

```
1 PHILIP FAMOYE
2 AdventureWORKS Assignment
3
4 SELECT * from [HumanResources].[Employee]
5
6 Present age
7 select e.BusinessEntityID, NationalIDNumber, OrganizationLevel, ShiftID, JobTitle, BirthDate,
8     MaritalStatus, VacationHours, SickleaveHours, Datediff(year,[BirthDate],
9     getdate()) as Present_age
10     from [HumanResources].[Employee] as e inner join [HumanResources].[EmployeeDepartmentHistory] as edh on
11     e.BusinessEntityID=edh.BusinessEntityID
12
13 Count on Maritral status
14 select MaritalStatus, count(*) as Count_gender from [HumanResources].[Employee]
15     group by MaritalStatus
16
17 Most vacation hours
18 select max(vacationHours) as Top_VacationHours from [HumanResources].[Employee]
19
20 Most SickLeaveHours
21 select max(SickleaveHours) from [HumanResources].[Employee]
22
23 Least vacation hours
24 select min(VacationHours) from [HumanResources].[Employee]
25
26 Least sickleave hours
27 select min(sickleaveHours) from [HumanResources].[Employee]
28
29 Top 5 vacationHours
30 select top(5) VacationHours, BusinessEntityID, MaritalStatus, Gender from
31     [HumanResources].[Employee] order by VacationHours DESC
32
33 Top 5 sickleaveHours
34 select top 5 SickleaveHours, MaritalStatus, Gender from [HumanResources].[Employee]
35     order by SickLeaveHours DESC
36
37 Least 5 VacationHours
38 select * from [HumanResources].[Employee] e where 5> (select count(*) from
39     [HumanResources].[Employee] where e.VacationHours >VacationHours)
40
41 Least 5 SickleaveHours
42 select * from [HumanResources].[Employee] e where 5> (select count(*) from
43     [HumanResources].[Employee] where e.SickLeaveHours>SickLeaveHours)
44
45 Total Leave Hours
46 Select sum(VacationHours) as Total_VacationHours, sum(SickleaveHours) as
47     Total_SickLeaveHours from [HumanResources].[Employee]
48
49 select * from [HumanResources].[Employee]
```