1. *Display the Employee Name, Job, and Start Date of Employees hired from February 1981 to May 1981.*

*Ans. : select ename,job,hiredate from emp where hiredate between 19810201 and 19810531;*

1. *Display the Name and Hiredate of every Employee who was hired in 1982.*

*Ans. :* *select ename,hiredate from emp where year(hiredate)=1982;*

1. *Write a query to display the current date. Label the column as Current Date.*

*Ans.:* *select curdate() as `Current Date`;*

1. *Modify the query to display the dates as “Sunday, the 7th of September, 1981”.*

*Ans.:* *select date\_format(now(),'%W,the %D of %M,%Y');*

1. *Display the Name, Hiredate and day of the week on which the employees started. Order the results by the Day of the week starting with Monday.*

*Ans.:* *select ename,hiredate,date\_format(hiredate,'%W') weekday from emp weekday order by weekday(hiredate);*

1. *Display details of orders received in the year 1986.*

*Ans.:* *select \* from ord where year(orderdate)=1986;*

1. *Write a query to find out the DAY (for example, SUNDAY) of the current date.*

*Ans.: select date\_format(curdate(), '%W') as Day;*

1. *List employee details who have joined in December.*

*Ans.: select \* from emp where month(hiredate)=12;*

1. *Display day on which KING joined.*

*Ans.:* *select date\_format(hiredate,'%W') `joining day of KING` from emp where ename='KING';*

1. *Display month on which MARTIN joined.*

*Ans.:* *select ename, date\_format(hiredate, '%M') `joined in` from emp where ename='MARTIN';*

1. *Find number of days elapsed between today’s date and hiredate of ‘ADAMS’.*

*Ans.:* *select ename, datediff(now(),hiredate) `joined before days` from emp where ename='ADAMS';*

1. *Print the date, 15 days alter today’s date.*

*Ans.: select curdate() `current date`,subdate(curdate(),interval 15 day) `before 15 days`,adddate(curdate(),interval 15 day) `after 15 days`;*

1. *List all employee hired in the month of December.*

*Ans.: select \* from emp where month(hiredate)=12;*

1. *List all employee hired after 1980.*

*Ans:* *select \* from emp where year(hiredate)>=1980;*

1. *Display names and jobs of employee in the format SMITH-CLERK.*

*Ans.:* *select concat(ename,'-',job) `name-job` from emp;*

1. *Show the length of names in EMP table. Eliminate duplicate length. Do not show the names.*

*Ans.: select length(ename) length from emp group by length;*

1. *List the names and hiredate of EMP in dept 20, display hiredate formatted as 12/03/1984.*

*Ans.:* *select ename, date\_format(hiredate,'%d/%m/%Y') from emp where deptno=20;*

1. *Find the day of week on which SMITH joined.*

*Ans.:* *select ename, date\_format(hiredate,'%W') `joined on` from emp where ename='SMITH';*

1. *Retrieve the ANALYST record with hiredate formatted as ‘The 3rd of Oct. 1984’.*

*Ans.:* *select EMPNO,ENAME,GENDER,JOB,MGR,date\_format(HIREDATE,'The %D of %b.%Y') HIREDATE,SAL,COMM,DEPTNO,BONUSID,`USER NAME`,PWD,PHONE,isActive from emp where job='ANALYST';*

1. *Display the Names of the Managers as follows-*
2. *If the employee code is 7788 the Manager is CLARK*
3. *If the employee code is 7698 the Manager is BLAKE*
4. *If the employee code is 7566 the Manager is JONES*
5. *For all other Employees the Manager is KING*

*Ans.:* *select ename,empno, if(empno=7788 or empno=7698 or empno=7566, if(empno=7698 or empno=7566, if(empno=7566, 'Manager is JONES','Manager is BLAKE'), 'Manager is CLARK'), 'Manager is KING') as Manager from emp;*