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| 3.0 SQL ASSIGNMENTS |
| This assignments is related to different types of clauses,operators,functions of SQL SERVER |

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# ASSIGNMENTS

**CREATE THE FOLLOWING TABLE DESCRIBED BELOW AND INSERT THE DATA AS GIVEN BELOW.**

AFTER CREATING THE TABLES WITH DATA, SOLVE THE QUERIES GIVEN BELOW:

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| CREATE TABLE [dbo].[empdeptdetails]( [empno] [int] NOT NULL,  [ename] [nvarchar](10) NULL, [job] [nvarchar](9) NULL, [mgr] [int] NULL, [hiredate] [date] NULL, [sal] [float] NULL, [comm] [int] NULL, [dname] [nvarchar](14) NULL) ON [PRIMARY]INSERT [dbo].[empdeptdetails] VALUES (7369, N'SMITH', N'CLERK', 7902, CAST(N'1980-12-17' AS Date), 800, NULL, N'RESEARCH')INSERT [dbo].[empdeptdetails] VALUES (7499, N'ALLEN', N'SALESMAN', 7698, CAST(N'1981-02-20' AS Date), 1600, 300, N'SALES')INSERT [dbo].[empdeptdetails] VALUES (7521, N'WARD', N'SALESMAN', 7698, CAST(N'1981-02-22' AS Date), 1250, 500, N'SALES')INSERT [dbo].[empdeptdetails] VALUES (7566, N'JONES', N'MANAGER', 7839, CAST(N'1981-04-02' AS Date), 2975, NULL, N'RESEARCH')INSERT [dbo].[empdeptdetails] VALUES (7654, N'MARTIN', N'SALESMAN', 7698, CAST(N'1981-09-28' AS Date), 1250, 1400, N'SALES')INSERT [dbo].[empdeptdetails] VALUES (7698, N'BLAKE', N'MANAGER', 7839, CAST(N'1981-05-01' AS Date), 2850, NULL, N'SALES')INSERT [dbo].[empdeptdetails] VALUES (7782, N'CLARK', N'MANAGER', 7839, CAST(N'1981-06-09' AS Date), 2450, NULL, N'ACCOUNTING')INSERT [dbo].[empdeptdetails] VALUES (7788, N'SCOTT', N'ANALYST', 7566, CAST(N'1987-07-13' AS Date), 3000, NULL, N'RESEARCH')INSERT [dbo].[empdeptdetails] VALUES (7839, N'KING', N'PRESIDENT', NULL, CAST(N'1981-11-17' AS Date), 5000, NULL, N'ACCOUNTING')INSERT [dbo].[empdeptdetails] VALUES (7844, N'TURNER', N'SALESMAN', 7698, CAST(N'1981-09-08' AS Date), 1500, 0, N'SALES')INSERT [dbo].[empdeptdetails] VALUES (7876, N'ADAMS', N'CLERK', 7788, CAST(N'1987-07-13' AS Date), 1100, NULL, N'RESEARCH')INSERT [dbo].[empdeptdetails] VALUES (7900, N'JAMES', N'CLERK', 7698, CAST(N'1981-12-03' AS Date), 950, NULL, N'SALES')INSERT [dbo].[empdeptdetails] VALUES (7902, N'FORD', N'ANALYST', 7566, CAST(N'1981-12-03' AS Date), 3000, NULL, N'RESEARCH')INSERT [dbo].[empdeptdetails] VALUES (7934, N'MILLER', N'CLERK', 7782, CAST(N'1982-01-23' AS Date), 1300, NULL, N'ACCOUNTING')**Note : The sal defined in the table is monthly salary****AFTER CREATING THE TABLES AND ADDING THE RECORDS USING INSERT STATEMENTS, WRITE QUERIES FOR THE QUESTIONS BELOW:** |

 **SQL-QUERIES (WRITE THE SELECT QUERIES FOR THE QUESTIONS)**

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| 1 | Display all the information of the EMP table?  |
| 2 | Display unique Jobs from EMP table?  |
| 3 | List the employees in the asc order of their Salaries?  |
| 4 | List the details of the employees in asc order of the Dept and desc order of Job?  |
| 5 | Display all the unique job groups in the descending order?  |
| 6 | Display all the details of all ‘Mgrs’  |
| 7 | List the emps who joined before 1981.  |
| 8 | List the Empno, Ename, Sal, Daily sal of all emps in the asc order of Annsal.  |
| 9 | Display the Empno, Ename, job, Hiredate, Exp of all Mgrs  |
| 10 | List the emps along with their Exp and Daily Sal is more than Rs.100.  |
| 11 | List the emps who joined on 1-MAY-81,3-DEC-81,17-DEC-81,19-JAN-80 in asc order of seniority.  |
| 13 | List the employees who are joined in the year 81.  |
| 14 | List the employees who are joined in the month of Aug 1980. |
| 15 | List the employees Whose Annual Salary ranging from 22000 and 45000.  |
| 16 | List the Enames those are having five characters in their Names.  |
| 17 | List the Enames those are starting with ‘S’ and with five characters.  |
| 18 | List the employees those are having four chars and third character must be ‘r’.  |
| 19 | List the Five character Enames starting with ‘S’ and ending with ‘H’.  |
| 20 | List the employees who joined in January.  |