1. Display average employees salary.

|  |
| --- |
| **Average salary** |
| 2073.214285714285714285714285714285714286 |

2. Display average employees salary whose job is 'Clerk'.

|  |
| --- |
| **Average Clerks salary** |
| 1037.5 |

3. Display max employees salary.

|  |
| --- |
| **Employee max salary** |
| 5000 |

3. Display max salary of employees who receive commissions.

|  |
| --- |
| **Employee comm max salary** |
| 1600 |

4. Display min employees salary.

|  |
| --- |
| **Employee min salary** |
| 800 |

5. Display min salary of employees whose job is 'Manager' or 'Clerk'.

|  |
| --- |
| **Min Managers/Clerks salary** |
| 800 |

6. Display summary employees salary.

|  |
| --- |
| **Sum employee salary** |
| 29025 |

7. Display summary employees salary whose department number is 30.

|  |
| --- |
| **Sum employee salary in 30 dept** |
| 9400 |

8. Convert to uppercase and display employees name column.

|  |
| --- |
| **Upper name** |
| SMITH |
| ALLEN |
| WARD |
| JONES |
| MARTIN |
| BLAKE |
| CLARK |
| SCOTT |
| KING |
| TURNER |
| ADAMS |
| JAMES |
| FORD |
| MILLER |

10. Convert to uppercase and display employees names that contains 'S' or 'R' symbols.

|  |
| --- |
| **Upper name with R/S** |
| SMITH |
| WARD |
| JONES |
| MARTIN |
| CLARK |
| SCOTT |
| TURNER |
| ADAMS |
| JAMES |
| FORD |
| MILLER |

11. Convert to lowercase and display employees name column.

|  |
| --- |
| **Lower name** |
| smith |
| allen |
| ward |
| jones |
| martin |
| blake |
| clark |
| scott |
| king |
| turner |
| adams |
| james |
| ford |
| miller |

12. Convert to lowercase and display employees names that ends with 'ES' or 'ER'.

|  |
| --- |
| **Lower name** |
| jones |
| turner |
| james |
| miller |

13. Display names and five first symbols of employees JOB column.

|  |  |
| --- | --- |
| **Name** | **Job 5 symbs** |
| SMITH | CLERK |
| ALLEN | SALES |
| WARD | SALES |
| JONES | MANAG |
| MARTIN | SALES |
| BLAKE | MANAG |
| CLARK | MANAG |
| SCOTT | ANALY |
| KING | PRESI |
| TURNER | SALES |
| ADAMS | CLERK |
| JAMES | CLERK |
| FORD | ANALY |
| MILLER | CLERK |

14. Display employees names and names length.

|  |  |
| --- | --- |
| **Name** | **Name length** |
| SMITH | 5 |
| ALLEN | 5 |
| WARD | 4 |
| JONES | 5 |
| MARTIN | 6 |
| BLAKE | 5 |
| CLARK | 5 |
| SCOTT | 5 |
| KING | 4 |
| TURNER | 6 |
| ADAMS | 5 |
| JAMES | 5 |
| FORD | 4 |
| MILLER | 6 |

15. Display employees names whose length is more then 5 characters.

|  |
| --- |
| **Name** |
| MARTIN |
| TURNER |
| MILLER |

16. Display employees names, salaries and salaries rounded to integers.

|  |  |  |
| --- | --- | --- |
| **Name** | **Salary** | **Rounded salary** |
| SMITH | 800.00 | 800 |
| ALLEN | 1600.00 | 1600 |
| WARD | 1250.00 | 1250 |
| JONES | 2975.00 | 2975 |
| MARTIN | 1250.00 | 1250 |
| BLAKE | 2850.00 | 2850 |
| CLARK | 2450.00 | 2450 |
| SCOTT | 3000.00 | 3000 |
| KING | 5000.00 | 5000 |
| TURNER | 1500.00 | 1500 |
| ADAMS | 1100.00 | 1100 |
| JAMES | 950.00 | 950 |
| FORD | 3000.00 | 3000 |
| MILLER | 1300.00 | 1300 |

17. Display employees names, salaries and salaries rounded to the hundredths.

|  |  |  |
| --- | --- | --- |
| **Name** | **Salary** | **Rounded salary** |
| SMITH | 800.00 | 800 |
| ALLEN | 1600.00 | 1600 |
| WARD | 1250.00 | 1300 |
| JONES | 2975.00 | 3000 |
| MARTIN | 1250.00 | 1300 |
| BLAKE | 2850.00 | 2900 |
| CLARK | 2450.00 | 2500 |
| SCOTT | 3000.00 | 3000 |
| KING | 5000.00 | 5000 |
| TURNER | 1500.00 | 1500 |
| ADAMS | 1100.00 | 1100 |
| JAMES | 950.00 | 1000 |
| FORD | 3000.00 | 3000 |
| MILLER | 1300.00 | 1300 |

18. Display employees names, salaries and salaries rounded to nearest thousand.

|  |  |  |
| --- | --- | --- |
| **Name** | **Salary** | **Rounded salary** |
| SMITH | 800.00 | 1000 |
| ALLEN | 1600.00 | 2000 |
| WARD | 1250.00 | 1000 |
| JONES | 2975.00 | 3000 |
| MARTIN | 1250.00 | 1000 |
| BLAKE | 2850.00 | 3000 |
| CLARK | 2450.00 | 2000 |
| SCOTT | 3000.00 | 3000 |
| KING | 5000.00 | 5000 |
| TURNER | 1500.00 | 2000 |
| ADAMS | 1100.00 | 1000 |
| JAMES | 950.00 | 1000 |
| FORD | 3000.00 | 3000 |
| MILLER | 1300.00 | 1000 |

19. Display current date.

|  |
| --- |
| **Current date** |
| 2016-11-01 13:36:00 \* |

20. Display employees names and hiredates in following format:

|  |  |
| --- | --- |
| **Name** | **Hireday** |
| SMITH | 17-12-1980 |
| ALLEN | 20-02-1981 |
| WARD | 22-02-1981 |
| JONES | 02-04-1981 |
| MARTIN | 28-09-1981 |
| BLAKE | 01-05-1981 |
| CLARK | 09-06-1981 |
| SCOTT | 09-12-1982 |
| KING | 17-11-1981 |
| TURNER | 08-09-1981 |
| ADAMS | 12-01-1983 |
| JAMES | 03-12-1981 |
| FORD | 03-12-1981 |
| MILLER | 23-01-1982 |