--1

SELECT WORKER\_ID, SKILL\_TYPE

FROM WORKER

WHERE SKILL\_TYPE = 'Plumbing'

--2

SELECT \*

FROM BUILDING

WHERE TYPE = 'Office'

--3

SELECT WORKER\_NAME, HRLY\_RATE\*40 AS WEEKLY\_WAGE

FROM WORKER

WHERE SKILL\_TYPE = 'Electric'

--4

SELECT WORKER\_NAME

FROM WORKER

WHERE HRLY\_RATE >= 10 AND HRLY\_RATE <= 12

--5

SELECT WORKER\_NAME

FROM WORKER

WHERE SKILL\_TYPE = 'Plumbing' OR SKILL\_TYPE = 'Electric' OR SKILL\_TYPE = 'Roofing'

--6

SELECT WORKER\_NAME

FROM WORKER

WHERE SKILL\_TYPE = 'Elec.'

--7

SELECT \*

FROM ASSIGNMENT

WHERE DATEDIFF(DAY, '05-OCTOBER-2013',START\_DATE)<14

--8

SELECT SKILL\_TYPE

FROM WORKER W

INNER JOIN ASSIGNMENT A ON W.WORKER\_ID = A.WORKER\_ID

WHERE BLDG\_ID = '435'

--9

SELECT A.WORKER\_NAME, W.WORKER\_NAME AS 'SUPERVISOR'

FROM WORKER A

INNER JOIN WORKER W ON W.WORKER\_ID = A.SUPV\_ID

--10

SELECT WORKER\_NAME

FROM WORKER W

INNER JOIN ASSIGNMENT A ON A.WORKER\_ID = W.WORKER\_ID

WHERE BLDG\_ID = '312'

--11

SELECT (SELECT SKILL\_TYPE FROM WORKER W WHERE W.WORKER\_ID = A.WORKER\_ID) AS 'EMPLOYEE SKILL '

FROM ASSIGNMENT A

WHERE BLDG\_ID = '435'

--12

SELECT W.WORKER\_NAME

FROM WORKER W

INNER JOIN WORKER A ON W.SUPV\_ID = A.WORKER\_ID

WHERE W.HRLY\_RATE > A.HRLY\_RATE

--13

SELECT WORKER\_ID

FROM ASSIGNMENT

GROUP BY WORKER\_ID

HAVING COUNT(DISTINCT BLDG\_ID) = (Select Count(BLDG\_ID) From BUILDING)

--14

SELECT MAX(HRLY\_RATE) AS 'MAX\_RATE', MIN(HRLY\_RATE) AS 'MIN\_RATE'

FROM WORKER

--15

SELECT AVG(NUM\_DAYS) AS 'AVG\_NUM\_OF\_DAYS'

FROM ASSIGNMENT

WHERE BLDG\_ID = 435

--16

SELECT COUNT(SKILL\_TYPE) AS 'NUMBER OF SKILLS'

FROM WORKER

--17

SELECT AVG(HRLY\_RATE\*40) AS WEEKLY\_WAGE

FROM WORKER

--18

SELECT COUNT(QLTY\_LEVEL) AS 'BLDG\_WITH\_LVL\_3'

FROM BUILDING

WHERE QLTY\_LEVEL = 3

--19

SELECT W.WORKER\_ID AS 'Supervisor', MAX(A.HRLY\_RATE) AS 'Max Wage'

FROM WORKER A

INNER JOIN WORKER W ON A.WORKER\_ID = W.SUPV\_ID

GROUP BY W.WORKER\_ID

--20

SELECT AVG(CAST(QLTY\_LEVEL) AS FLOAT)

FROM BUILDING

WHERE [STATUS] = 1

--21

SELECT A.WORKER\_ID AS 'SUPERVISOR', MAX(B.HRLY\_RATE) AS 'MAX WAGE'

FROM WORKER B

INNER JOIN WORKER A ON A.WORKER\_ID = B.SUPV\_ID

GROUP BY A.WORKER\_ID

Having COUNT(B.WORKER\_ID)>1

--22

Select AVG([QLTY\_LEVEL]) AS 'AVERAGE\_QLTY\_LEVEL'

From BUILDING

Where QLTY\_LEVEL <= 3 AND [STATUS] = 1

Group By [TYPE]

--23

SELECT WORKER\_NAME

FROM WORKER

WHERE HRLY\_RATE > (SELECT AVG(HRLY\_RATE))

--24

SELECT \*

FROM WORKER A

WHERE HRLY\_RATE > (SELECT AVG(B.HRLY\_RATE)

FROM WORKER B

WHERE A.HRLY\_RATE = B.HRLY\_RATE