

PART 1

[illegible]

PART 2

```

7
8  /*List the first name, last name,
9  and salary of employees that work in the 'Hardware' department.*/
10 SELECT DISTINCT fname, lname, salary, "Bryson White"
11    FROM employee
12   WHERE employee.dno = '7';
13

```

[illegible]

PART 3

The screenshot shows a SQL IDE window titled "company*" and "SQL File 8*". The query editor contains the following SQL code:

```
14  /*List the first name, last name, and
15  salary of employees that work on 'ProductX'*/
16  SELECT DISTINCT fname, lname, salary, "Bryson White"
17  FROM employee, works_on
18  WHERE employee.ssn = works_on.essn AND works_on.pno = '1';
19
```

The interface includes a toolbar with icons for file operations, a "Limit to 1000 rows" dropdown, and a "Result Grid" section. The "Result Grid" shows the following data:

fname	lname	salary	Bryson White
John	Smith	30000.00	Bryson White
Joyce	English	25000.00	Bryson White

PART 4

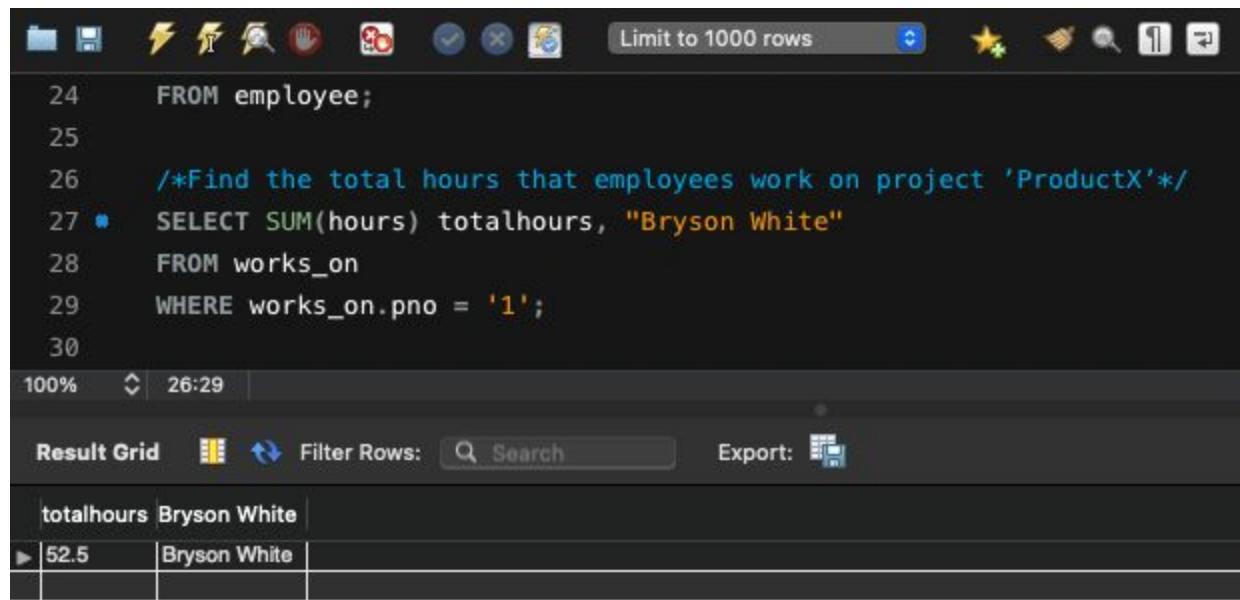
The screenshot shows a SQL IDE window titled "company*" and "SQL File 8*". The query editor contains the following SQL code:

```
19
20  /*Company pays 5% of the salary of an employee as the 401k benefit.
21  List the total amount of money that the company pays as 401k for all of its employees.
22  Change the column name as total401k.*/
23  SELECT SUM(salary * .05) total401k, "Bryson White"
24  FROM employee;
25
```

The interface includes a toolbar with icons for file operations, a "Limit to 1000 rows" dropdown, and a "Result Grid" section. The "Result Grid" shows the following data:

total401k	Bryson White
98350.0000	Bryson White

PART 5



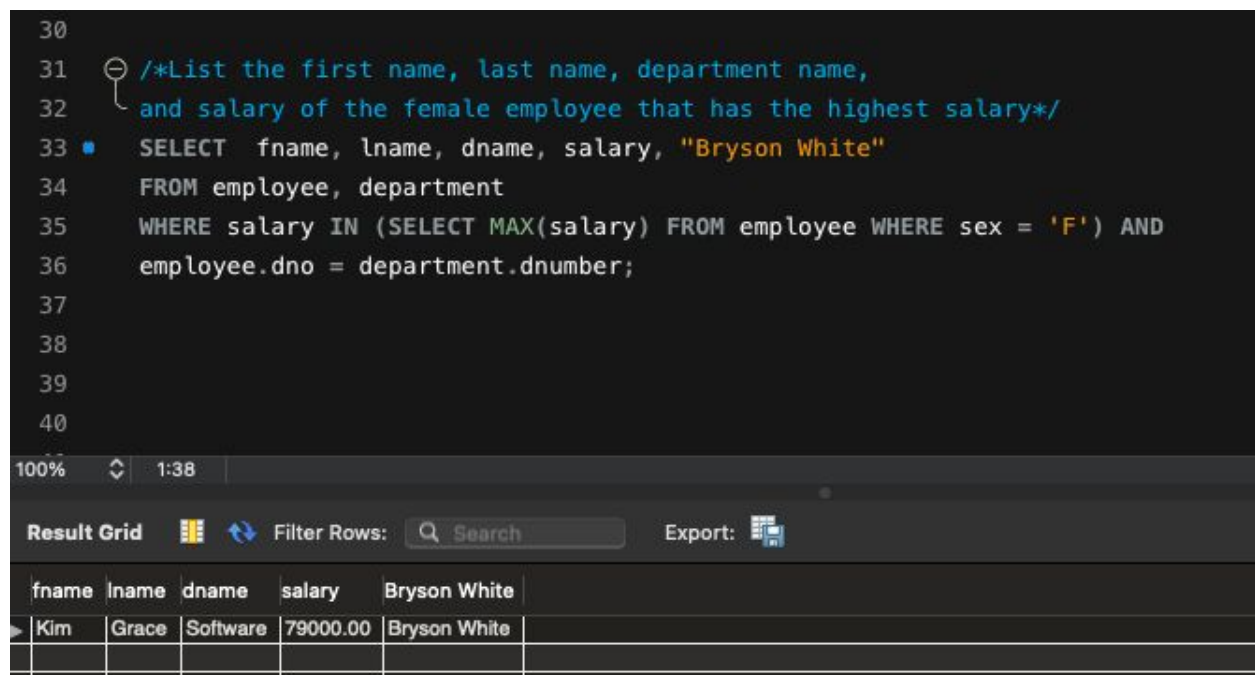
The screenshot shows a SQL IDE interface. The top toolbar includes icons for file operations, execution, and a "Limit to 1000 rows" dropdown. The SQL editor contains the following code:

```
24 FROM employee;
25
26 /*Find the total hours that employees work on project 'ProductX'*/
27 • SELECT SUM(hours) totalhours, "Bryson White"
28 FROM works_on
29 WHERE works_on.pno = '1';
30
```

Below the editor, the "Result Grid" is displayed with a search bar and an "Export" button. The results table has two columns: "totalhours" and "Bryson White".

totalhours	Bryson White
52.5	Bryson White

PART 6



The screenshot shows a SQL IDE interface. The top toolbar includes icons for file operations, execution, and a "Limit to 1000 rows" dropdown. The SQL editor contains the following code:

```
30
31 • /*List the first name, last name, department name,
32 and salary of the female employee that has the highest salary*/
33 • SELECT fname, lname, dname, salary, "Bryson White"
34 FROM employee, department
35 WHERE salary IN (SELECT MAX(salary) FROM employee WHERE sex = 'F') AND
36 employee.dno = department.dnumber;
37
38
39
40
```

Below the editor, the "Result Grid" is displayed with a search bar and an "Export" button. The results table has five columns: "fname", "lname", "dname", "salary", and "Bryson White".

fname	lname	dname	salary	Bryson White
Kim	Grace	Software	79000.00	Bryson White