What would be the result of the following SQL statement being carried out on this table (called 'students')?

```
INSERT INTO students VALUES ('009', 'Bob', Evans', '10DD, 15))
```

student_ID	first_name	surname	group	age
001	Sam	Sampson	9AB	14
002	Rob	Dale	8SW	13
003	Tom	Franks	9AB	13
004	Megan	Pope	8SW	13
005	Alfie	Jones	9DJ	14
006	Tess	Smith	9AB	14
007	Anna	Hale	8HS	14
008	Molly	Richards	8HS	13

Provide 4 different relational operators explaining their purpose.

In computer programming, what is meant by the term 'assignment'?

Why are translators required?

Describe the purpose of formatting software.

How can operating systems provide security to users?

What would be the result of the following SQL statement being carried out on this table (called 'students')?

```
INSERT INTO students VALUES ('009', 'Bob', Evans', '10DD, 15))
```

A new record would be added containing the values provided.

student_ID	first_name	surname	group	age
001	Sam	Sampson	9AB	14
002	Rob	Dale	8SW	13
003	Tom	Franks	9AB	13
004	Megan	Pope	8SW	13
005	Alfie	Jones	9DJ	14
006	Tess	Smith	9AB	14
007	Anna	Hale	8HS	14
008	Molly	Richards	8HS	13
+ 009	Bob	Evans	10DD	15

Provide 4 different relational operators explaining their purpose.

Relational operators compare data and produce a result of TRUE or FALSE depending on how the data compared relates to each other.

Relational Operators	How They Compare
= (or ==)	Is equal to
<> (or !=)	Is not equal to
<	Is less than
>	Is greater than
<=	Is less than or equal to
>=	Is greater than or equal to

In computer programming, what is meant by the term 'assignment'?

Assignment is the operation of placing data into a variable. In most languages the operator (symbol) used is an equals sign.

Why are translators required?

Translators are required because without them, a CPU will be unable to execute a program's instructions. CPU's can only execute machine code, they don't understand anything else. So if you supply a CPU with source code, it will be unable to make sense of it.

Describe the purpose of formatting software.

Formatting prepares the storage device for data storage. It creates sectors and tracks on which data can be stored. It also creates a special list called the File Allocation Table (FAT).

How can operating systems provide security to users?

Often computers will be used by several users. Operating systems manage these users and ensure that a user's data is only seen by them and not by others. This can be achieved by providing users with 'usernames' and 'passwords' so that data is kept secure in separate accounts.