Task 1: database design and development (part B)

1c Your teacher or lecturer will provide you with a partially completed database file.

Using the data dictionary below complete the relational database by:

- creating a new table to store the job details
- adding all validation to the job entity
- creating a relationship between the two tables

(5 marks)

Entity name: Staff					
Attribute name	**Key**	**Type**	**Size**	**Required**	**Validation**
staffID	PK	text	5	Y	length = 5
forename		text	20	Y	
surname		text	20	Y	
address		text	50	Y	
topSkill		text	5	Y	restricted choice: lawn, hedge, weeds
custRating		number		N	Range >= 1 and <= 10
Entity name: Job					
Attribute name	**Key**	**Type**	**Size**	**Required**	**Validation**
jobID	PK	number		Y	
jobDate		date		Y	
jobTime		time		Y	Range >= 9:00 and <= 18:00
custName		text	40	Y	
custAddress		text	50	Y	
custPostcode		text	8	Y	
phoneNo		text	11	N	
task		text	12	Y	restricted choice: Lawn Mowed, Hedge Cut, Weeds Pulled
staffID	FK	text	5	Y	existing staffID from Staff table

Print evidence to show that you have:

- created a new table to store the job details
- added all validation to the job entity
- created a relationship between the two tables

1d Staff member DS021 has moved house recently.

Implement an SQL statement that will change the address of this member of staff to:

99 Willow Way, Falkirk, FA87 6FE

(2 marks)

Print evidence of your SQL statement and the Staff table (clearly showing the new address) once the SQL statement has been implemented.