Connecting to SQL+

Click the Start button then programmes and then sql+ Wait until
the message
    " SQL*Plus: Release 11.2.0 ------

        SQL>"
is displayed

Type Connect /@acal

Create tables for use in subsequent labs

Create departments, employees, jobgrades based the structure of each table shown below:

Departments

Attribute Name	Data Type	Length(maximum)	Key type	Null?
dept_id	Letters and numbers	4	primary	no
Dept_name	Letters and numbers	30	Not a key	no
Manager_id	Letters and numbers	4	Not a key	

Employees

Attribute Name	Data Type	Length (maximum)	Key type	Null?
Emp_id	Letters and numbers	4	primary	no
First_name	alphanumeric	15	Not a key	no
surname	alphanumeric	15	Not a key	no
salary	number	9 with 2 places of decimal	Not a key	no
Dept_id	Letters and numbers	4	Foreign	no
Comm._pct		3 with 2 places of decimal	Not a key	

Jobgrades

Attribute Name	Data Type	Length	Key Type	Null?
Grade_Level	number	2	Not a key	no
Min_sal	number	7 with 2 decimal places	Not a key	no
Max_sal	number	9 with 2 decimal places	Not a key	no

Add the data given below for each table using INSERT: **Remember to save your work by typing COMMIT;**

Employee details

ID	First Name	Surname	Salary	Department ID	% Commission
SK01	Stephen	WASH	65000	COM1	Null
SK02	Suky	Kaur	20000	Sal1	0.01
Mp03	Mary	Powell	25000	Sal1	0.02
Pw05	Peter	Wood	30000	Its1	Null
Jk06	John	King	20000	Mkt1	0.2
Ms08	Mike	Smith	25000	Mkt1	0.2
MJ19	Mark	Jones	55000	COM1	Null
PS	Paul	Sawyer	21000	Its1	0.1

Departments

ID	NAME	HOD
COM1	Commercial Unit	SK01
Sal1	Sales	Mp03
Its1	Technical support	Pw05
Mkt1	Marketing	Ms08

Job grade

level	Minimum Salary	Highest Salary
2	19000.00	22000.00
3	23000.00	27000.00
4	26000.00	35000.00
5	33000.00	40000.00
6	40000.00	50000.00
7	51000.00	60000.00
8	61000.00	65000.00