

A. (Single table query) Develop a query to – 5

Show the **name** and full address for any suppliers in the USA (**note it should be sorted in alphabetical order abc**)

```
SELECT SupplierName, Address, City FROM Suppliers WHERE Country = 'USA' ORDER BY SupplierName ASC;
```

SupplierName	Address	City
Bigfoot Breweries	3400 - 8th Avenue Suite 210	Bend
Grandma Kelly's Homestead	707 Oxford Rd.	Ann Arbor
New England Seafood Cannery	Order Processing Dept. 2100 Paul Revere Blvd.	Boston
New Orleans Cajun Delights	P.O. Box 78934	New Orleans

B. Aggregation of a single table

Show the average price of products in category 6

```
SELECT AVG(Price) FROM Products WHERE CategoryID = 6;
```

Expr1000
54.0067

Show the maximum price of products in category 3

```
SELECT MAX(Price) FROM Products WHERE CategoryID = 3;
```

Expr1000
81

Show the number of products in category 4

```
SELECT COUNT(*) FROM Products WHERE CategoryID = 4;
```

Expr1000
10

C. Join 2 tables

Show all the Order IDs with the employee name who made the sale

```
SELECT OrderID, LastName, FirstName FROM Orders, Employees WHERE Orders.EmployeeID = Employees.EmployeeID;
```

OrderID	LastName	FirstName	10362	Leverling	Janet	10430	Peacock	Margaret
10357	Davolio	Nancy	10352	Leverling	Janet	10288	Peacock	Margaret
10340	Davolio	Nancy	10346	Leverling	Janet	10294	Peacock	Margaret
10325	Davolio	Nancy	10330	Leverling	Janet	10260	Peacock	Margaret
10405	Davolio	Nancy	10321	Leverling	Janet	10338	Peacock	Margaret
10316	Davolio	Nancy	10309	Leverling	Janet	10343	Peacock	Margaret
10393	Davolio	Nancy	10283	Leverling	Janet	10342	Peacock	Margaret
10351	Davolio	Nancy	10273	Leverling	Janet	10419	Peacock	Margaret
10364	Davolio	Nancy	10266	Leverling	Janet	10403	Peacock	Margaret
10311	Davolio	Nancy	10256	Leverling	Janet	10348	Peacock	Margaret
10387	Davolio	Nancy	10253	Leverling	Janet	10389	Peacock	Margaret
10401	Davolio	Nancy	10251	Leverling	Janet	10373	Peacock	Margaret
10400	Davolio	Nancy	10332	Leverling	Janet	10382	Peacock	Margaret
10306	Davolio	Nancy	10438	Leverling	Janet	10337	Peacock	Margaret
10304	Davolio	Nancy	10429	Leverling	Janet	10363	Peacock	Margaret
10314	Davolio	Nancy	10410	Leverling	Janet	10360	Peacock	Margaret
10385	Davolio	Nancy	10420	Leverling	Janet	10347	Peacock	Margaret
10377	Davolio	Nancy	10432	Leverling	Janet	10359	Buchanan	Steven
10376	Davolio	Nancy	10433	Leverling	Janet	10358	Buchanan	Steven
10394	Davolio	Nancy	10434	Leverling	Janet	10269	Buchanan	Steven
10258	Davolio	Nancy	10391	Leverling	Janet	10397	Buchanan	Steven
10270	Davolio	Nancy	10436	Leverling	Janet	10248	Buchanan	Steven
10293	Davolio	Nancy	10415	Leverling	Janet	10297	Buchanan	Steven
10275	Davolio	Nancy	10384	Leverling	Janet	10372	Buchanan	Steven
10396	Davolio	Nancy	10381	Leverling	Janet	10254	Buchanan	Steven
10361	Davolio	Nancy	10442	Leverling	Janet	10333	Buchanan	Steven
10371	Davolio	Nancy	10409	Leverling	Janet	10378	Buchanan	Steven
10285	Davolio	Nancy	10441	Leverling	Janet	10320	Buchanan	Steven
10292	Davolio	Nancy	10413	Leverling	Janet	10298	Suyama	Michael
10374	Davolio	Nancy	10328	Peacock	Margaret	10350	Suyama	Michael
10398	Fuller	Andrew	10299	Peacock	Margaret	10390	Suyama	Michael
10392	Fuller	Andrew	10323	Peacock	Margaret	10356	Suyama	Michael
10404	Fuller	Andrew	10326	Peacock	Margaret	10296	Suyama	Michael
10339	Fuller	Andrew	10315	Peacock	Margaret	10425	Suyama	Michael
10407	Fuller	Andrew	10344	Peacock	Margaret	10355	Suyama	Michael
10327	Fuller	Andrew	10282	Peacock	Margaret	10423	Suyama	Michael
10265	Fuller	Andrew	10302	Peacock	Margaret	10395	Suyama	Michael
10277	Fuller	Andrew	10426	Peacock	Margaret	10274	Suyama	Michael
10280	Fuller	Andrew	10329	Peacock	Margaret	10271	Suyama	Michael
10295	Fuller	Andrew	10418	Peacock	Margaret	10291	Suyama	Michael
10300	Fuller	Andrew	10267	Peacock	Margaret	10317	Suyama	Michael
10313	Fuller	Andrew	10250	Peacock	Margaret	10264	Suyama	Michael
10422	Fuller	Andrew	10252	Peacock	Margaret	10370	Suyama	Michael
10379	Fuller	Andrew	10440	Peacock	Margaret	10439	Suyama	Michael
10312	Fuller	Andrew	10257	Peacock	Margaret	10249	Suyama	Michael
10388	Fuller	Andrew	10259	Peacock	Margaret	10272	Suyama	Michael
10414	Fuller	Andrew	10284	Peacock	Margaret	10367	King	Robert
10345	Fuller	Andrew	10261	Peacock	Margaret	10289	King	Robert
10368	Fuller	Andrew	10427	Peacock	Margaret	10303	King	Robert
10307	Fuller	Andrew	10281	Peacock	Margaret	10428	King	Robert
10365	Leverling	Janet	10417	Peacock	Margaret	10319	King	Robert
10375	Leverling	Janet	10431	Peacock	Margaret	10308	King	Robert

10322	King	Robert
10424	King	Robert
10406	King	Robert
10349	King	Robert
10341	King	Robert
10353	King	Robert
10335	King	Robert
10336	King	Robert
10412	Callahan	Laura
10408	Callahan	Laura
10383	Callahan	Laura
10354	Callahan	Laura
10334	Callahan	Laura
10262	Callahan	Laura
10318	Callahan	Laura
10437	Callahan	Laura
10366	Callahan	Laura
10268	Callahan	Laura
10369	Callahan	Laura
10278	Callahan	Laura
10286	Callahan	Laura
10301	Callahan	Laura
10416	Callahan	Laura
10402	Callahan	Laura
10380	Callahan	Laura
10287	Callahan	Laura
10279	Callahan	Laura
10399	Callahan	Laura
10290	Callahan	Laura
10276	Callahan	Laura
10421	Callahan	Laura
10310	Callahan	Laura
10435	Callahan	Laura
10443	Callahan	Laura
10305	Callahan	Laura
10331	Dodsworth	Anne
10411	Dodsworth	Anne
10255	Dodsworth	Anne
10324	Dodsworth	Anne
10263	Dodsworth	Anne
10386	Dodsworth	Anne