A. Who are the employees assigned to each project? Show ProjectID, EmployeeNumber, LastName, FirstName, and OfficePhone.

	ProjectID	EmployeeNumber	LastName	FirstName	OfficePhone
1	1000	1	Jacobs	Mary	360-285-8110
2	1000	6	Evans	Ken	360-285-8410
3	1000	10	Numoto	Ken	360-287-8510
4	1000	16	Smith	Mary	360-287-8810
5	1000	17	Jackson	Tom	360-287-8820
6	1100	1	Jacobs	Mary	360-285-8110
7	1100	6	Evans	Ken	360-285-8410
8	1100	10	Numoto	Ken	360-287-8510
9	1100	11	Granger	Linda	360-287-8520
10	1200	3	Bandalone	Richard	360-285-8210
11	1200	6	Evans	Ken	360-285-8410
12	1200	7	Abernathy	Mary	360-285-8420
13	1200	8	Caruthers	Tom	360-285-8430
14	1300	3	Bandalone	Richard	360-285-8210
15	1300	6	Evans	Ken	360-285-8410
16	1300	8	Caruthers	Tom	360-285-8430
17	1300	9	Jones	Heather	360-285-8440
18	1400	1	Jacobs	Mary	360-285-8110
19	1400	6	Evans	Ken	360-285-8410
20	1400	10	Numoto	Ken	360-287-8510
21	1400	16	Smith	Mary	360-287-8810
22	1400	17	Jackson	Tom	360-287-8820
23	1500	1	Jacobs	Mary	360-285-8110
24	1500	6	Evans	Ken	360-285-8410
25	1500	10	Numoto	Ken	360-287-8510
26	1500	11	Granger	Linda	360-287-8520
27	1600	3	Bandalone	Richard	360-285-8210
28	1600	6	Evans	Ken	360-285-8410
29	1600	7	Abernathy	Mary	360-285-8420
30	1600	8	Caruthers	Tom	360-285-8430

B. *Who are the employees assigned to each project? Show ProjectID, ProjectName, and Department. Show EmployeeNumber, LastName, FirstName, and OfficePhone.*

	ProjectID	ProjectName	Department	EmployeeNumber	LastName	FirstName	OfficePhone
1	1000	2017 Q3 Production Plan	Production	1	Jacobs	Mary	360-285-8110
2	1000	2017 Q3 Production Plan	Production	6	Evans	Ken	360-285-8410
3	1000	2017 Q3 Production Plan	Production	10	Numoto	Ken	360-287-8510
4	1000	2017 Q3 Production Plan	Production	16	Smith	Mary	360-287-8810
5	1000	2017 Q3 Production Plan	Production	17	Jackson	Tom	360-287-8820
6	1100	2017 Q3 Marketing Plan	Sales and Marketing	1	Jacobs	Mary	360-285-8110
7	1100	2017 Q3 Marketing Plan	Sales and Marketing	6	Evans	Ken	360-285-8410
8	1100	2017 Q3 Marketing Plan	Sales and Marketing	10	Numoto	Ken	360-287-8510
9	1100	2017 Q3 Marketing Plan	Sales and Marketing	11	Granger	Linda	360-287-8520
10	1200	2017 Q3 Portfolio Analysis	Finance	3	Bandalone	Richard	360-285-8210
11	1200	2017 Q3 Portfolio Analysis	Finance	6	Evans	Ken	360-285-8410
12	1200	2017 Q3 Portfolio Analysis	Finance	7	Abernathy	Mary	360-285-8420
13	1200	2017 Q3 Portfolio Analysis	Finance	8	Caruthers	Tom	360-285-8430
14	1300	2017 Q3 Tax Preparation	Accounting	3	Bandalone	Richard	360-285-8210
15	1300	2017 Q3 Tax Preparation	Accounting	6	Evans	Ken	360-285-8410
16	1300	2017 Q3 Tax Preparation	Accounting	8	Caruthers	Tom	360-285-8430
17	1300	2017 Q3 Tax Preparation	Accounting	9	Jones	Heather	360-285-8440
18	1400	2017 Q4 Production Plan	Production	1	Jacobs	Mary	360-285-8110
19	1400	2017 Q4 Production Plan	Production	6	Evans	Ken	360-285-8410
20	1400	2017 Q4 Production Plan	Production	10	Numoto	Ken	360-287-8510
21	1400	2017 Q4 Production Plan	Production	16	Smith	Mary	360-287-8810
22	1400	2017 Q4 Production Plan	Production	17	Jackson	Tom	360-287-8820
23	1500	2017 Q4 Marketing Plan	Sales and Marketing	1	Jacobs	Mary	360-285-8110
24	1500	2017 Q4 Marketing Plan	Sales and Marketing	6	Evans	Ken	360-285-8410
25	1500	2017 Q4 Marketing Plan	Sales and Marketing	10	Numoto	Ken	360-287-8510
26	1500	2017 Q4 Marketing Plan	Sales and Marketing	11	Granger	Linda	360-287-8520
27	1600	2017 Q4 Portfolio Analysis	Finance	3	Bandalone	Richard	360-285-8210
28	1600	2017 Q4 Portfolio Analysis	Finance	6	Evans	Ken	360-285-8410
29	1600	2017 Q4 Portfolio Analysis	Finance	7	Abernathy	Mary	360-285-8420
30	1600	2017 Q4 Portfolio Analysis	Finance	8	Caruthers	Tom	360-285-8430

C. Who are the employees assigned to each project? Show ProjectID, ProjectName, Department, and DepartmentPhone. Show EmployeeNumber, LastName, FirstName, and OfficePhone. Sort by ProjectID in ascending order.

	ProjectID	ProjectName	DepartmentName	DepartmentPhone	EmployeeNumber	LastName	FirstName	OfficePhone
1	1000	2017 Q3 Production Plan	Production	360-287-8800	1	Jacobs	Mary	360-285-8110
2	1000	2017 Q3 Production Plan	Production	360-287-8800	6	Evans	Ken	360-285-8410
3	1000	2017 Q3 Production Plan	Production	360-287-8800	10	Numoto	Ken	360-287-8510
4	1000	2017 Q3 Production Plan	Production	360-287-8800	16	Smith	Mary	360-287-8810
5	1000	2017 Q3 Production Plan	Production	360-287-8800	17	Jackson	Tom	360-287-8820
6	1100	2017 Q3 Marketing Plan	Sales and Marketing	360-287-8500	1	Jacobs	Mary	360-285-8110
7	1100	2017 Q3 Marketing Plan	Sales and Marketing	360-287-8500	6	Evans	Ken	360-285-8410
8	1100	2017 Q3 Marketing Plan	Sales and Marketing	360-287-8500	10	Numoto	Ken	360-287-8510
9	1100	2017 Q3 Marketing Plan	Sales and Marketing	360-287-8500	11	Granger	Linda	360-287-8520
10	1200	2017 Q3 Portfolio Analysis	Finance	360-285-8400	3	Bandalone	Richard	360-285-8210
11	1200	2017 Q3 Portfolio Analysis	Finance	360-285-8400	6	Evans	Ken	360-285-8410
12	1200	2017 Q3 Portfolio Analysis	Finance	360-285-8400	7	Abernathy	Mary	360-285-8420
13	1200	2017 Q3 Portfolio Analysis	Finance	360-285-8400	8	Caruthers	Tom	360-285-8430
14	1300	2017 Q3 Tax Preparation	Accounting	360-285-8405	3	Bandalone	Richard	360-285-8210
15	1300	2017 Q3 Tax Preparation	Accounting	360-285-8405	6	Evans	Ken	360-285-8410
16	1300	2017 Q3 Tax Preparation	Accounting	360-285-8405	8	Caruthers	Tom	360-285-8430
17	1300	2017 Q3 Tax Preparation	Accounting	360-285-8405	9	Jones	Heather	360-285-8440
18	1400	2017 Q4 Production Plan	Production	360-287-8800	1	Jacobs	Mary	360-285-8110
19	1400	2017 Q4 Production Plan	Production	360-287-8800	6	Evans	Ken	360-285-8410
20	1400	2017 Q4 Production Plan	Production	360-287-8800	10	Numoto	Ken	360-287-8510
21	1400	2017 Q4 Production Plan	Production	360-287-8800	16	Smith	Mary	360-287-8810
22	1400	2017 Q4 Production Plan	Production	360-287-8800	17	Jackson	Tom	360-287-8820
23	1500	2017 Q4 Marketing Plan	Sales and Marketing	360-287-8500	1	Jacobs	Mary	360-285-8110
24	1500	2017 Q4 Marketing Plan	Sales and Marketing	360-287-8500	6	Evans	Ken	360-285-8410
25	1500	2017 Q4 Marketing Plan	Sales and Marketing	360-287-8500	10	Numoto	Ken	360-287-8510
26	1500	2017 Q4 Marketing Plan	Sales and Marketing	360-287-8500	11	Granger	Linda	360-287-8520
27	1600	2017 Q4 Portfolio Analysis	Finance	360-285-8400	3	Bandalone	Richard	360-285-8210
28	1600	2017 Q4 Portfolio Analysis	Finance	360-285-8400	6	Evans	Ken	360-285-8410
29	1600	2017 Q4 Portfolio Analysis	Finance	360-285-8400	7	Abernathy	Mary	360-285-8420
30	1600	2017 Q4 Portfolio Analysis	Finance	360-285-8400	8	Caruthers	Tom	360-285-8430

D. Who are the employees assigned to projects run by the Sales and Marketing Department? Show ProjectID, ProjectName, Department, and DepartmentPhone. Show EmployeeNumber, LastName, FirstName, and OfficePhone. Sort by ProjectID in ascending order.

	ProjectID	Project Name	Department Name	Department Phone	Employee Number	Last Name	First Name	Office Phone
1	1100	2017 Q3 Marketing Plan	Sales and Marketing	360-287-8500	1	Jacobs	Mary	360-285-8110
2	1100	2017 Q3 Marketing Plan	Sales and Marketing	360-287-8500	6	Evans	Ken	360-285-8410
3	1100	2017 Q3 Marketing Plan	Sales and Marketing	360-287-8500	10	Numoto	Ken	360-287-8510
4	1100	2017 Q3 Marketing Plan	Sales and Marketing	360-287-8500	11	Granger	Linda	360-287-8520
5	1500	2017 Q4 Marketing Plan	Sales and Marketing	360-287-8500	1	Jacobs	Mary	360-285-8110
6	1500	2017 Q4 Marketing Plan	Sales and Marketing	360-287-8500	6	Evans	Ken	360-285-8410
7	1500	2017 Q4 Marketing Plan	Sales and Marketing	360-287-8500	10	Numoto	Ken	360-287-8510
8	1500	2017 Q4 Marketing Plan	Sales and Marketing	360-287-8500	11	Granger	Linda	360-287-8520

E. *How many projects are being run by the Sales and Marketing Department? Be sure to assign an appropriate column name to the computed results.*

	NumberOfMarketingDeptProjects
1	2

F. *What is the total MaxHours of projects being run by the Sales and Marketing Department? Be sure to assign an appropriate column name to the computed results.*

	TotalMaxHrsForMKTGDeptProjects
1	270.00

G. *What is the average MaxHours of projects being run by the Sales and Marketing Department? Be sure to assign an appropriate column name to the computed results.*

	AvgMaxHrsForMKTGDeptProjects
1	135.000000

H. *How many projects are being run by each department? Be sure to display each DepartmentName and to assign an appropriate column name to the computed results.*

	Department	NumberOfDeptProjects
1	Accounting	1
2	Finance	2
3	Production	2
4	Sales and Marketing	2