





Example tables											
Orders		OrderNbr	Cust	Cust P		Qty		Amt		Disc	
			1 211	В	ulldozer	7		\$31.000.00		0.2	
			2 522	R	iveter	2	<u> </u>		.000.00	0.3	
			3 522	C	rane	1		\$500,000.00		0.4	
Customers		CustNbr	Company				CustRep 0		CreditL	CreditLimit	
		211	211 Connor Co					89		\$50,000.00	
		522 AmaratungaEnterprise					89		\$40	\$40,000.00	
		890 Feni Fabricators						53	\$1,000	\$1,000,000.00	
SalesReps		RepNbr	Name		RepOffic	e Quo		ota	Sales	Sales	
		53	Bill Smith			1	\$10	0,000.0	D	\$0.00	
		89	Jen Jones			2 \$5		50,000.00	0 \$130	\$130,000.00	
Offices											
OfficeNbr	City	State	Region Ta		rget		Sales		Phone	Phone	
1	Denver	СО	West	\$3	3.000.000.0	00	\$130,000.00		970.58	86.3341	
2	New Yo	rk NY	East	ast \$200		00	\$300,000.00		212.94	2.5574	
57	Dallas	ТХ	West	Nest \$0.00		\$0.00		214.78	214.781.5342		























 Join with 3 tables List orders over \$25,000, including the name of the salesperson who took the order and the name of the customer who placed it. SELECT OrderNbr, Amt, Company, Name FROM Orders, Customers, SalesReps WHERE Cust = CustNbr AND CustRep = RepNbr AND Amt >= 25000; (Implicit syntax) 												
	Ord	erNbr	С	ust	t Prod		у	Amt		Disc		
			1	211	Bulldozer	7		\$31,000.00		00 0.2		
			2	522	Riveter	2		\$4,000.00		0 0.3		
			3	522	Crane	1		\$500,000.0		00 0.4		
	CustNbr Company							stRep	Credi	editLimit		
Join 🚽		211	Conne	onnor Co				89		\$50,000.00		
		→522	Amara	maratunga Enterprises			89			\$40,000.00		
		890 Feni Fabrica			cators			53		\$1,000,000.00		
			1		\sim					• • •		
	RepNb	r	Name	me RepOffice			Quota S			Sales		
Join 🗲	\sim	53	Bill Sm	ith		1		\$100,000.00		\$0.00		
		→ 89	Jen Jo	es 2			\$50,000.00			\$130,000.00		
		Order	OrderNbr		Amt		y			Name	1	
Res	ult		1		\$31,000.00	Connor Co				Jen Jones	1	
			3	\$	500,000.00	AmaratungaEnterprise				Jen Jones		







1.204 Computer Algorithms in Systems Engineering Spring 2010

For information about citing these materials or our Terms of Use, visit: http://ocw.mit.edu/terms.