SELECT X.A, X.B, Y.C FROM X, Y WHERE X.A < Y.D



Result + PRIJECT Name . Addr PROJECT Vone,	from X
PROJECT None	Adoress
Given the two relations X and Y below	
X: A B Y: C D 2 s i i 5 z r 3	
2 s t t t 5 z r 3	
w 2	
what values would be in the tuple produced by the fol	lowing statement? (8%)
Result \leftarrow JOIN X and Y where X.A	< Y.D
> 5 r 5	
2 S F 3	
7. Place an X in the space before those structures that	are designed to provide efficient access to randomly chosen items.
Leave the other spaces blank. (8%)	
Sequential file	
/ Indexed file	
* Hash file	
riash the	
8 Suppose you were going to construct a hash file w	ith 20 to 25 buckets using the division hash function discussed in
the text. How many buckets should you actually use?	(8%)
7	□ □ □ □ □ □ □ □ □ □
1th 23 23	20-25 289
Desir four data finning techniques. (876)	is outlier analysis class description
sequential pattern auster analys	is could analysis class as
and y six	
Place an X in the space before those questions when	hose answers might be obtained by means of outlier analysis. Leave
the other spaces blank. (8%)	
Which are the flawed parts on a product	ion line conveyor belt?
What items have not sold during the last	
What sales region generated the most or	
Which shoppers in a busy shopping mal	l are potential shoplifters?
11. Given the two relations X and Y below	
X: <u>A B</u> Y: <u>C D</u>	
X: A B Y: C D t 1 r 3	
w 2	
draw the relation Result that would be produced by t	he following statements? (10%)
Town - TOIN Y and Y where X A	Y.D Legger
Result ← PROJECT X.B, Y.C from	Temp (CMP)
Temp ← JOIN X and Y where X.A. Result ← PROJECT X.B, Y.C from	Temp Kings L V
Result ← PROJECT X.B, Y.C from	ABCTD XB Y.C
KB Y.C	Temp temps L L Results ABCT XB Y.C 25 t
KB Y.C	ABCD XB Y.C 2St S 5 = t S
KB Y.C	ABCD XB Y.C 2St St St 5zt St
KB Y.C	ABCD XB Y.C 2St St St St 5 t St St St 5 t St St St 5 t
KB Y.C	

(3) Suppose a relation X had the attributes Name, Employee ID, and Address. Complete the following statement to