

ASSIGNMENT

Q. create two tables UNIFORM (UCode, UName, UColor) and COST (UCode, Size, Price) in the SchoolUniform database. UCode is Primary Key in table UNIFORM.

UCode and Size is the Composite Key in table COST. Therefore, Ucode is a common attribute between the two tables which can be used to fetch the common data from both the tables.

Uniform table:			Cost table:		
Ucode	Uname	Ucolor	Ucode	Size	Price
1	Shirt	White	1	L	580
2	Pant	Grey	1	M	500
3	Tie	Blue	2	L	890
			2	M	810





Write the following sql queries to List the UCode, UName, UColor, Size and Price of related tuples of tables UNIFORM and COST.

a) Using condition in where clause

```
SELECT * FROM uniform U, cost C WHERE U.Ucode = C.Ucode;
```

```
261 -- a) Using condition in where clause
262 • SELECT * FROM uniform U, cost C WHERE U.Ucode = C.Ucode;
```

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	Ucode	Uname	Ucolor	Ucode	size	price
▶	1	shirt	white	1	L	580
	1	shirt	white	1	M	500
	2	pant	grey	2	L	890
	2	pant	grey	2	M	810

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b) Explicit use of JOIN clause

SELECT * FROM uniform join cost;


```
264      -- b) Explicit use of JOIN clause
265 •    SELECT * FROM uniform join cost;
```

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Result Grid						
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	Ucode	Uname	Ucolor	Ucode	size	price
▶	3	tie	blue	1	L	580
	2	pant	grey	1	L	580
	1	shirt	white	1	L	580
	3	tie	blue	1	M	500
	2	pant	grey	1	M	500
	1	shirt	white	1	M	500
	3	tie	blue	2	L	890
	2	pant	grey	2	L	890
	1	shirt	white	2	L	890
	3	tie	blue	2	M	810
	2	pant	grey	2	M	810
	1	shirt	white	2	M	810

c) Explicit use of NATURAL JOIN clause

SELECT * FROM uniform natural join cost;

```
267      -- c) Explicit use of NATURAL JOIN clause
268 •    SELECT * FROM uniform natural join cost;
```

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Result Grid					
Filter Rows: <input type="text"/>					
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	Ucode	Uname	Ucolor	size	price
▶	1	shirt	white	L	580
	1	shirt	white	M	500
	2	pant	grey	L	890
	2	pant	grey	M	810