

Supplier Table

	sid	sname	city
▶	10001	acme widget	bangalore
	10002	johns	kolkota
	10003	vimal	mumbai
	10004	reliance	delhi
*	NULL	NULL	NULL

Parts Table

	pid	pname	color
▶	20001	book	red
	20002	pen	red
	20003	pencil	green
	20004	mobile	green
	20005	charger	black
*	NULL	NULL	NULL

Catalog Table

	sid	pid	cost
▶	10001	20001	10
	10001	20002	10
	10001	20003	30
	10001	20004	10
	10001	20005	10
	10002	20001	10
	10002	20002	20
	10003	20003	30
	10004	20003	40
*	NULL	NULL	NULL

Query-1

	pname
▶	book
	pen
	pencil
	mobile
	charger

Query-2

	sname
▶	acme widget

Query-3

	sname
▶	acme widget
	johns

Query-4

	sid
▶	10002
	10004

Query-5

	pid	sname
▶	20001	acme widget
	20004	acme widget
	20005	acme widget
	20001	johns
	20002	johns
	20003	reliance

Query-6

	pname	sname	cost
▶	pencil	reliance	40

Query-7

	sname
▶	vimal
	reliance

Query-8

	sname	total_value
▶	acme widget	70
	johns	30
	vimal	30
	reliance	40

Query-9

	sid	sname	total_parts
▶	10001	acme widget	5
	10002	johns	2
	10003	vimal	1
	10004	reliance	1

Query-10

	pid	pname	sid	sname	cost
▶	20001	book	10001	acme widget	10
	20004	mobile	10001	acme widget	10
	20005	charger	10001	acme widget	10
	20001	book	10002	johns	10
	20002	pen	10002	johns	20
	20003	pencil	10004	reliance	40