PURE SQL

- 1.a. 1.b, 1.c, 1.d

	pid [PK] integer	name text
1	15	Nick
2	22	Anna

- 2.a , 2.b, 2.c, 2.d

	pid integer	name text
1	3	Eric
2	4	Ryan
3	12	Deepa
4	15	Nick
5	18	Ryan
6	20	Danielle
7	25	Arif
8	28	Eric
9	30	Aya

- 3.a, 3.b, 3.c, 3.d

	cname text	pid integer	name text	salary integer
1	Google	17	Lisa	45000
2	Google	24	Aya	45000
3	Intel	21	Eric	55000
4	Intel	26	Anna	55000
5	Uber	31	Aya	50000

VIEWS

- 1.a

	pid integer	name text	city text	birthyear integer
1	1	Nick	NewYork	1990
2	4	Ryan	Indianapolis	1995
3	12	Deepa	Bloomington	1990
4	16	Anna	Chicago	1980
5	20	Danielle	Indianapolis	1985
6	21	Eric	Chicago	1980
7	26	Anna	Bloomington	2000
8	29	Linda	Bloomington	1990
9	30	Aya	NewYork	1995
10	32	Anna	Bloomington	1985

- 1. B

	pid integer
1	27
2	9
3	5
4	15
5	24
6	12
7	22
8	10
9	19
10	7
11	14
12	21
13	29
14	23
15	20
16	31

- 1.c

	pid integer	name text
1	12	Deepa

2.a Test Your View

30000

pid	name	city	birthyear
1	Nick	NewYork	1990
2	Deepa	Indianapolis	1985
3	Eric	NewYork	1990
4	Ryan	Indianapolis	1995
5	Hasan	Indianapolis	1990
6	Arif	Indianapolis	1980
7	Ryan	Chicago	1980
8	Jean	SanFransisco	2000
9	Aya	SanFransisco	1985
10	Lisa	NewYork	2000
11	Arif	Chicago	1990
12	Deepa	Bloomington	1990
13	Nick	SanFransisco	1980
14	Ryan	Indianapolis	1990
15	Nick	Indianapolis	1990
16	Anna	Chicago	1980
17	Lisa	Bloomington	1990
18	Ryan	Bloomington	1995
19	Lisa	Chicago	1980
20	Danielle	Indianapolis	1985
21	Eric	Chicago	1980
22	Anna	Indianapolis	1985
23	Chris	Bloomington	1990
24	Aya	NewYork	1995
25	Arif	SanFransisco	1990
26	Anna	Bloomington	2000
27	Latha	SanFransisco	2000
28	Eric	Bloomington	2000
29	Linda	Bloomington	1990
30	Aya	NewYork	1995
31	Aya	NewYork	1996
32	Anna	Bloomington	1985

50000

	pid integer	name text	city text	birthyear integer
1	1	Nick	NewYork	1990
2	4	Ryan	Indianapolis	1995
3	12	Deepa	Bloomington	1990
4	16	Anna	Chicago	1980
5	20	Danielle	Indianapolis	1985
6	21	Eric	Chicago	1980
7	26	Anna	Bloomington	2000
8	29	Linda	Bloomington	1990
9	30	Aya	NewYork	1995
10	32	Anna	Bloomington	1985

55000

	pid integer	name text	city text	birthyear integer
1	1	Nick	NewYork	1990
2	4	Ryan	Indianapolis	1995
3	29	Linda	Bloomington	1990
4	30	Aya	NewYork	1995
5	32	Anna	Bloomington	1985

2.b Test you View

Yahoo

	pid integer
1	1
2	4
3	7

Google

	pid integer
1	8
2	14
3	16
4	18
5	21
6	24
7	25
8	30

Amazon

	pid integer
1	1
2	4
3	6
4	10
5	12
6	13
7	14
8	16
9	24
10	26
11	27
12	30

Boolean Queries

3.1

Data Output | Explain | Messages | Notifications

	x integer	cube_root_x double precision	x_to_the_power_x double precision	ten_to_the_power_x double precision	x_factorial numeric	logarithm_x_base_2 numeric
1	4	1.5874010519681994	256	10000	24	2.0000000000000
2	8	2	16777216	100000000	40320	3.0000000000000
3	12	2.2894284851066637	8916100448256	1000000000000	479001600	3.5849625007211
4	16	2.519842099789746	1.8446744073709552e+19	1e+16	20922789888000	4.0000000000000
5	20	2.7144176165949068	1.048576e+26	1e+20	2432902008176640000	4.3219280948873