Expected Outputs for Assignment 3

Problem 1:

	p_times_q_coefficient 🔒 integer	p_times_q_degree 🔒 integer
1	3	9
2	10	8
3	40	7
4	39	6
5	12	5
6	-17	4
7	84	3
8	23	2
9	-50	1
10	45	0

Problem 2:

Data Output

	dotproductxandy 🔒 bigint
1	-12

Problem 3:

	pid [PK] integer	name text
1	7	Ryan
2	11	Arif
3	16	Anna
4	19	Lisa
5	21	Eric

Data Output   Explain   M

Problem 4:

Data Output

	pid [PK] integer	name text
1	6	Arif

Problem 5:

	pid [PK] integer	name text	
1	12	Deepa	

Problem 6:

	cname text	
1	Amazon	
2	Zoom	

Problem 7:

Data Output   Explain   Messages   Notifications

	cname 🔒 text
1	Apple
2	IBM
3	Microsoft
4	Netflix

Problem 8:

Data Output   Explain   Messages   Notifications

	pid [PK] integer	name text
1	2	Deepa
2	5	Hasan
3	6	Arif
4	7	Ryan
5	8	Jean
6	9	Aya
7	10	Lisa
8	13	Nick
9	14	Ryan
10	15	Nick
11	16	Anna
12	17	Lisa
13	18	Ryan
14	19	Lisa
15	20	Danielle
16	21	Eric
17	22	Anna
18	23	Chris
19	25	Arif
20	26	Anna
21	27	Latha
22	28	Eric

Problem 9:

Total 130 such Records should be returned.

Data Output	Explain	Messages	Notifications

	pid [PK] integer	pid integer
1	2	8
2	2	9
3	2	21
4	2	22
5	2	23
6	8	2
7	8	9
8	8	21
9	8	22
10	8	23
11	9	2
12	9	8
13	9	21
14	9	22
15	9	23
16	21	2
17	21	8
18	21	9
19	21	22