Project 3 - Andrew Cash
Encrypted COMPANY
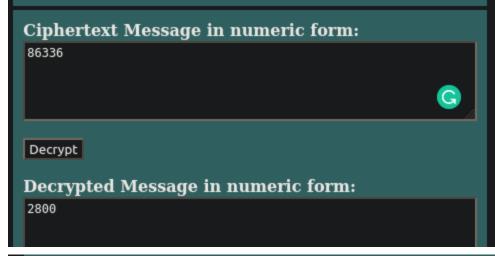Due at the beginning of the class, Wednesday, December 1, 2021
Submitted to Blackboard by the beginning of the class

1.

```sql
SELECT first_name, mid_initial, last_name, (stimulus * dependents)
FROM   Employee
```

first_name	mid_initial	last_name	(stimulus * dependents)
John	B	Smith	2800
Franklin	T	Wong	4800
Joyce	A	English	800
Ramesh	K	Narayan	4800
James	E	Borg	6500
Jennifer	S	Wallace	4500
Ahmad	V	Jabbar	1600
Alicia	J	Zelaya	2400

2.

```sql
-- Question 2
SELECT first_name, mid_initial, last_name,
       (encrypted_stimulus * encrypted_dependents)
FROM   Employee
```

first_name	mid_initial	last_name	(encrypted_stimulus * encrypted_dependents)
John	B	Smith	86336
Franklin	T	Wong	2939904
Joyce	A	English	4805
Ramesh	K	Narayan	1484487
James	E	Borg	19906250
Jennifer	S	Wallace	652455
Ahmad	V	Jabbar	153760
Alicia	J	Zelaya	1167615

a.

Ciphertext Message in numeric form:

86336

Decrypt

Decrypted Message in numeric form:

2800

b.

Ciphertext Message in numeric form:

2939904

Decrypt

Decrypted Message in numeric form:

4800

c.

Ciphertext Message in numeric form:

4805

Decrypt

Decrypted Message in numeric form:

800

d.

Ciphertext Message in numeric form:

```
1484487
```

[Decrypt]

Decrypted Message in numeric form:

```
4800
```

e.

Ciphertext Message in numeric form:

```
19906250
```

[Decrypt]

Decrypted Message in numeric form:

```
6500
```

f.

Ciphertext Message in numeric form:

```
652455
```

[Decrypt]

Decrypted Message in numeric form:

```
4500
```

Ciphertext Message in numeric form:

153760

Decrypt

Decrypted Message in numeric form:

1600

g.

Ciphertext Message in numeric form:

1167615

Decrypt

Decrypted Message in numeric form:

2400

h.