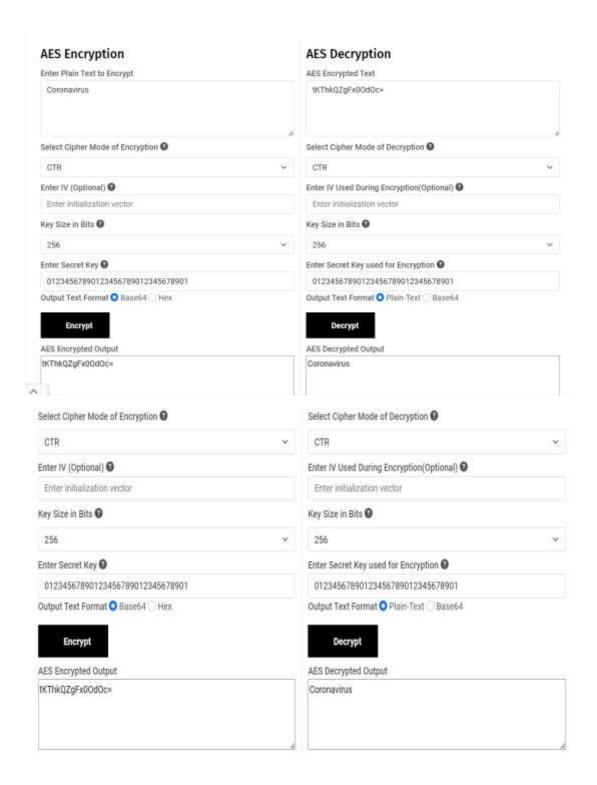
Name: Priyanka, Stu id: 20179, Week 2: Homework 1: Python vs. Online Calculator (CBC Mode)

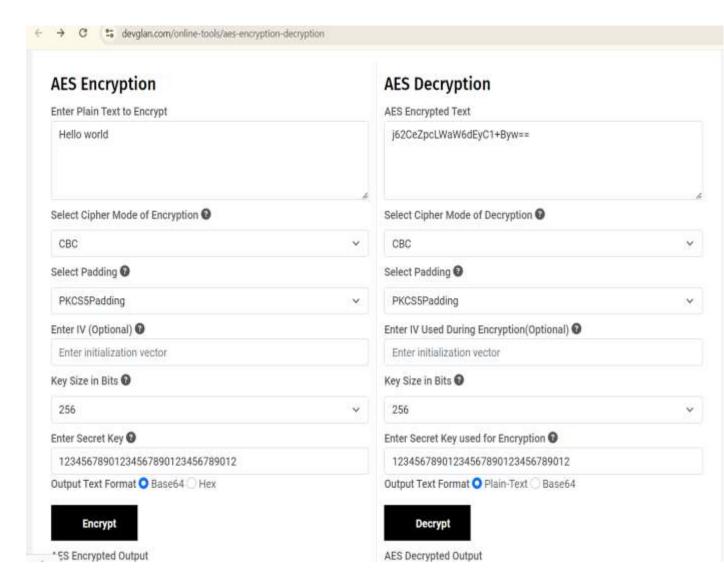
Example1: CBC mode:

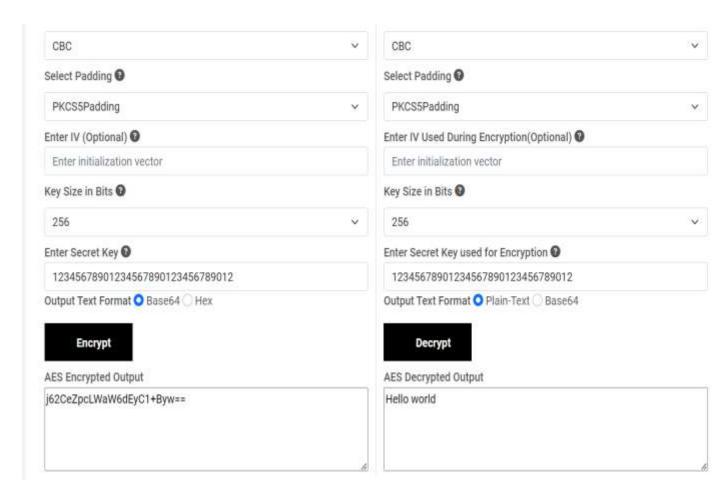
AES Encryption	AES Decryption		
Enter Plain Text to Encrypt	AES Encrypted Text		
Coronavirus	iU+yUXJ9oUfNotSgiUpXFA==		
Select Cipher Mode of Encryption	Select Cipher Mode of Decryption		
CBC	CBC		
Select Padding	Select Padding 🗑		
PKCS5Padding	PKCS5Padding v		
Enter IV (Optional)	Enter IV Used During Encryption(Optional) •		
Enter initialization vector	Enter initialization vector		
Key Size in Bits 0	Key Size in Bits 🛈		
256	v 256 v		
Enter Secret Key 😡	Enter Secret Key used for Encryption		
01234567890123456789012345678901	01234567890123456789012345678901		
Output Text Format Sase64 Hex	Output Text Format Plain-Text Base64 Decrypt		
Output Text Format U Base64 Hex	Output Text Format O Plain-Text Base64		
Encrypt	Decrypt		
AES Encrypted Output	AES Decrypted Output		
iU+yUXJ9oUfNotSgiUpXFA==	Coronavirus		

CTR Mode



Example2





If I change the value of secret key and plaintext to encrypt then:

