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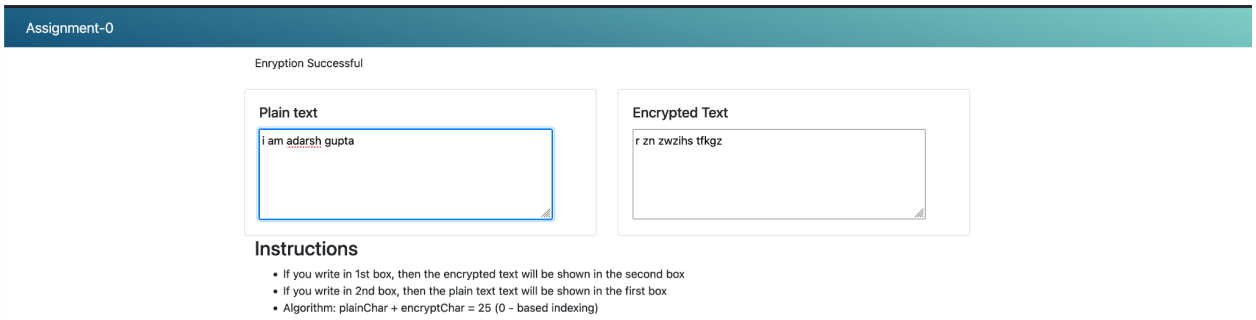
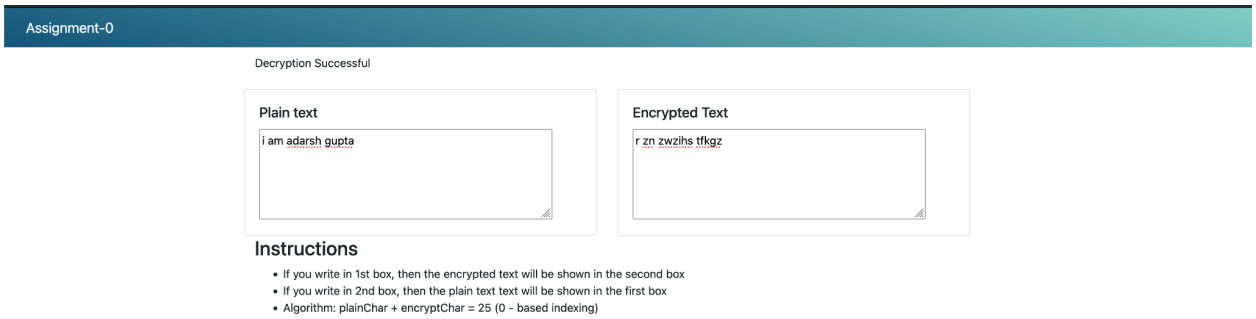
Github Link: https://github.com/adarshguptacse18/Network-Security

Screenshots:

Encryption:



Decryption:



Code:

```
function isLower(c) {
   return (c >= 'a' && c <= 'z');
}
function isUpper(c) {
   return (c >= 'A' && c <= 'Z');
}
// This functions a character x such that (x + c) == 25 (0 based indexing)
function calculateComplement(c) {
   let base;
   if(isUpper(c)) {         //lowercase
       base = 65;
   } else if(isLower(c)) {  //uppercase
       base = 97;
   }
   else return c;                                          //returns the same if
the character is not a english alphabet
   const resCode = 25 - (c.charCodeAt(0) - base) + base;  // apply our logic
and add base value to the resulting value
   return String.fromCharCode(resCode);                    // returns the
character at that ascii value
}
// this function returns applies the logic to whole code
const encodeDecode = (str) => [...str].map(calculateComplement).join('');
```