

Baby-Crypt

Take a look at the JS file, you can see an encoded phase in a comment.

The JS file included a function like Rot13. You can reverse the encoded phase with that function.

The JS encoding function solution with comments :

```
const encrypt = str => {  
  const input =  
  'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789{}_';  
  const output =  
  'QWERTYUIOPASDFGHJKLZXCVBNMqwertyuiopasdfghjklzxcvbnm7894561230{}_';  
  let encoded = "";  
  for (let i=0; i < str.length; i++) {  
    const index = input.indexOf(str[i]);  
    encoded += output[index];  
  }  
  
  return encoded;  
}
```

// Above function work like this, If you input 'A' the output is 'Q', When you input 'MDCTF' the output is 'DREZY'.

// This function exchange each character by a simple algorithm like ROT13.

// So, The encoded phase in the comment is 'DREZY {O_S7C4_E8HI4K}'.

// We can make a function to reverse the encoding algorithm and decode the encoded phase.

```
const decrypt = str => {  
  const input =  
  'QWERTYUIOPASDFGHJKLZXCVBNMqwertyuiopasdfghjklzxcvbnm7894561230{}_';  
  const output =  
  'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789{}_';  
  let decoded = "";  
  for (let i=0; i < str.length; i++) {  
    const index = input.indexOf(str[i]);  
    decoded += output[index];  
  }  
  
  return decoded;  
}  
decrypt("DREZY {O_S7C4_E8HI4K}")
```

// We can run the above 'decrypt' function and get flag|~

// Just copy it and paste it in the console of developer tools.

Inspector Console Debugger Network Style Editor Performance

Filter Output

```
>> const decrypt = str => {  
  const input = 'QWERTYUIOPASDFGHJKLZXCVBNMqwertyuiopasdfghjklzxcvbnm7894561230{}_';  
  const output = 'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789{}_';  
  let decoded = '';  
  for (let i=0; i < str.length; i++) {  
    const index = input.indexOf(str[i]);  
    decoded += output[index];  
  }  
  
  return decoded;  
}  
decrypt("DREZY{O_S7C4_E8HI4K}")  
← "MDCTF{I_L0V3_C1PH3R}"
```