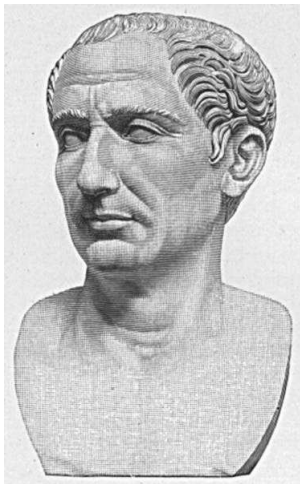


# Episode 09 – The Caesar cipher

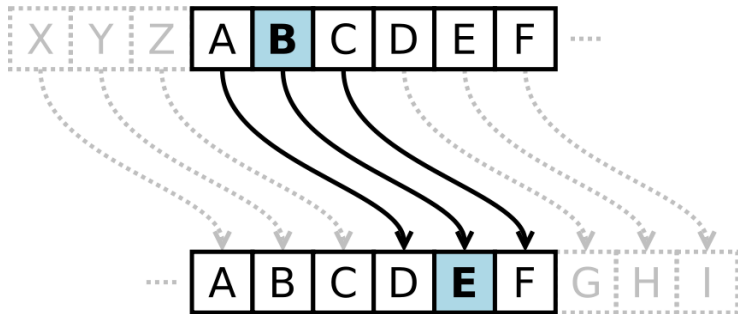
European section – Season 3

# Why Caesar ?





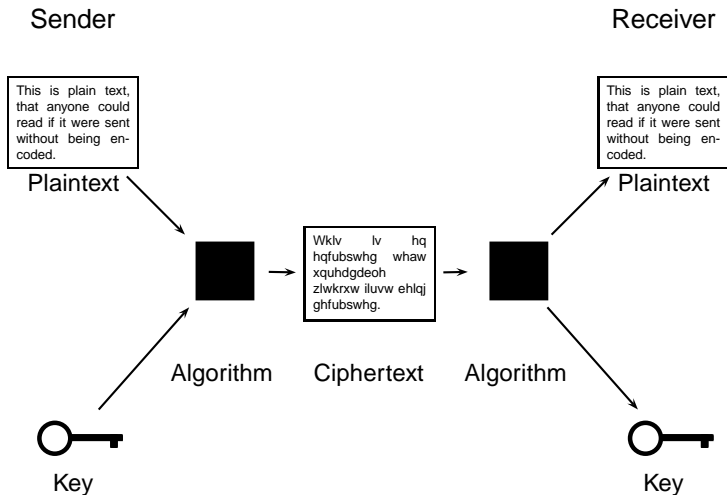
# A Caesar cipher with a shift of three



# An example

v	e	n	i	v	i	d	i	v	i	c	i
Y	H	Q	L	Y	L	G	L	Y	L	F	L

# The implementation chain



# Advantages and drawbacks

- Easy to implement.
- Offers a minimum of secrecy.
- Easy to decipher.

- 1 Choose a partner far away in the class.
- 2 Decide on a shift.
- 3 Write a short message in plain text (lower-case), then encipher it (upper-case).
- 4 Send the ciphertext to its destination, through the teacher.
- 5 Decode the message you received.
- 6 Try to decode intercepted messages without knowing the key (working in pairs).