

Cryptography

What is Cryptography?

Cryptography is a way of making a word or message secret by changing or re-arranging the letters.

Hello everybody

Becomes...

ydobyreve olleH

Cryptography

Why do we need cryptography?

Emma wants to send a message to Tom.
She doesn't want anyone else to read it.
However anyone can read the message as it
passes between Emma and Tom.

Emma



Tom



Cryptography

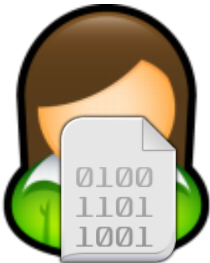
What Can Emma do?

Using Cryptography Emma encrypts her message.

She sends the message to Tom.

Using Cryptography Tom decrypts the message.

Emma



Tom



Cryptography

Today we are going to...

Write a Scratch program to encrypt a message.

Write a Scratch program to decrypt the message.