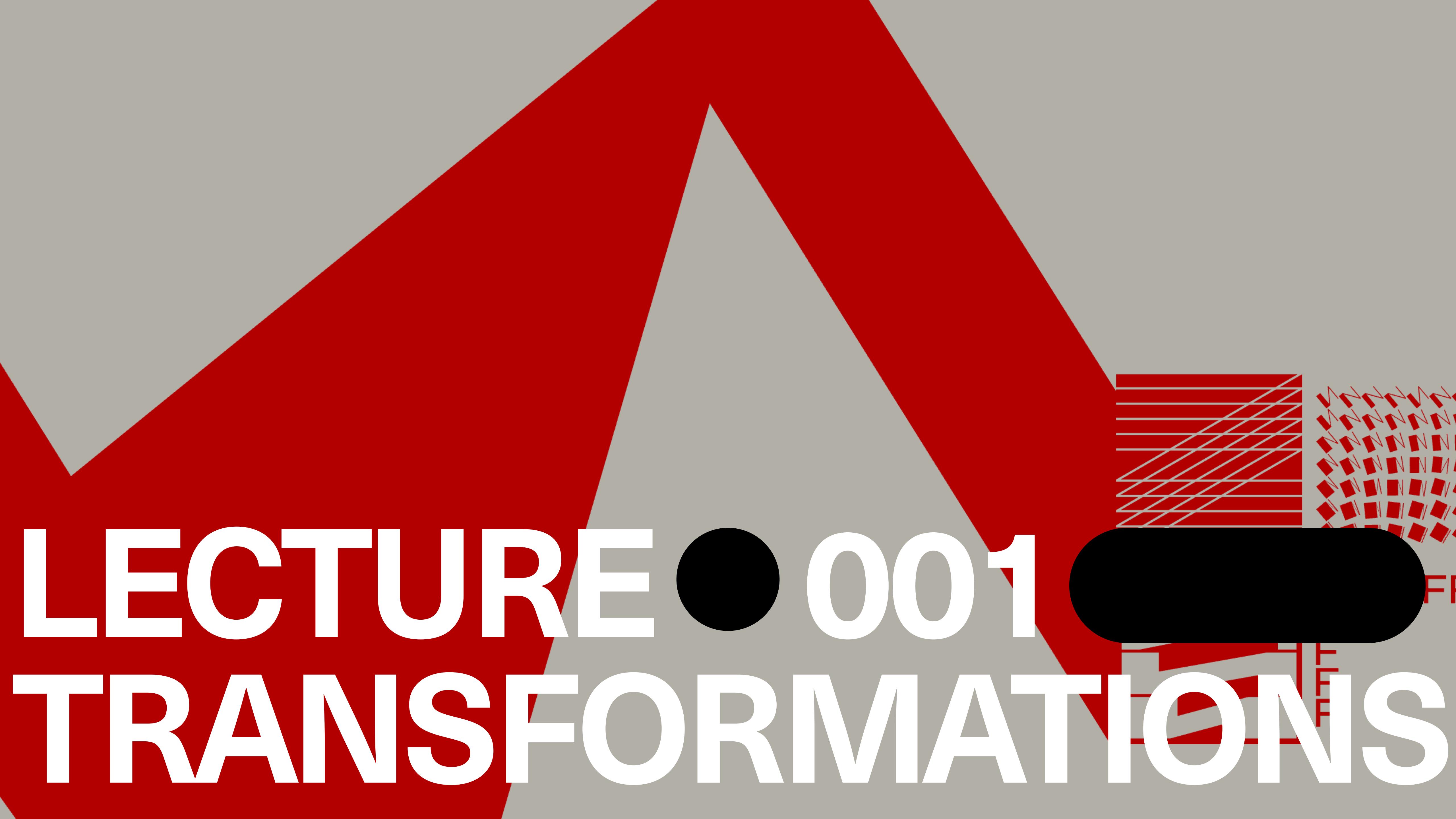


# LECTURE 001 TRANSFORMATIONS



# TRANSLATING TEXT

GPT-3.5

GPT-4

## ChatGPT

**Write a thank-you note**  
to our babysitter for the last-minute help

**Design a database schema**  
for an online merch store

**Compare marketing strategies**  
for sunglasses for Gen Z and Millennials

**Recommend a dish**  
to bring to a potluck

Send a message

Free Research Preview. ChatGPT may produce inaccurate information about people, places, or facts. [ChatGPT August 3 Version](#)



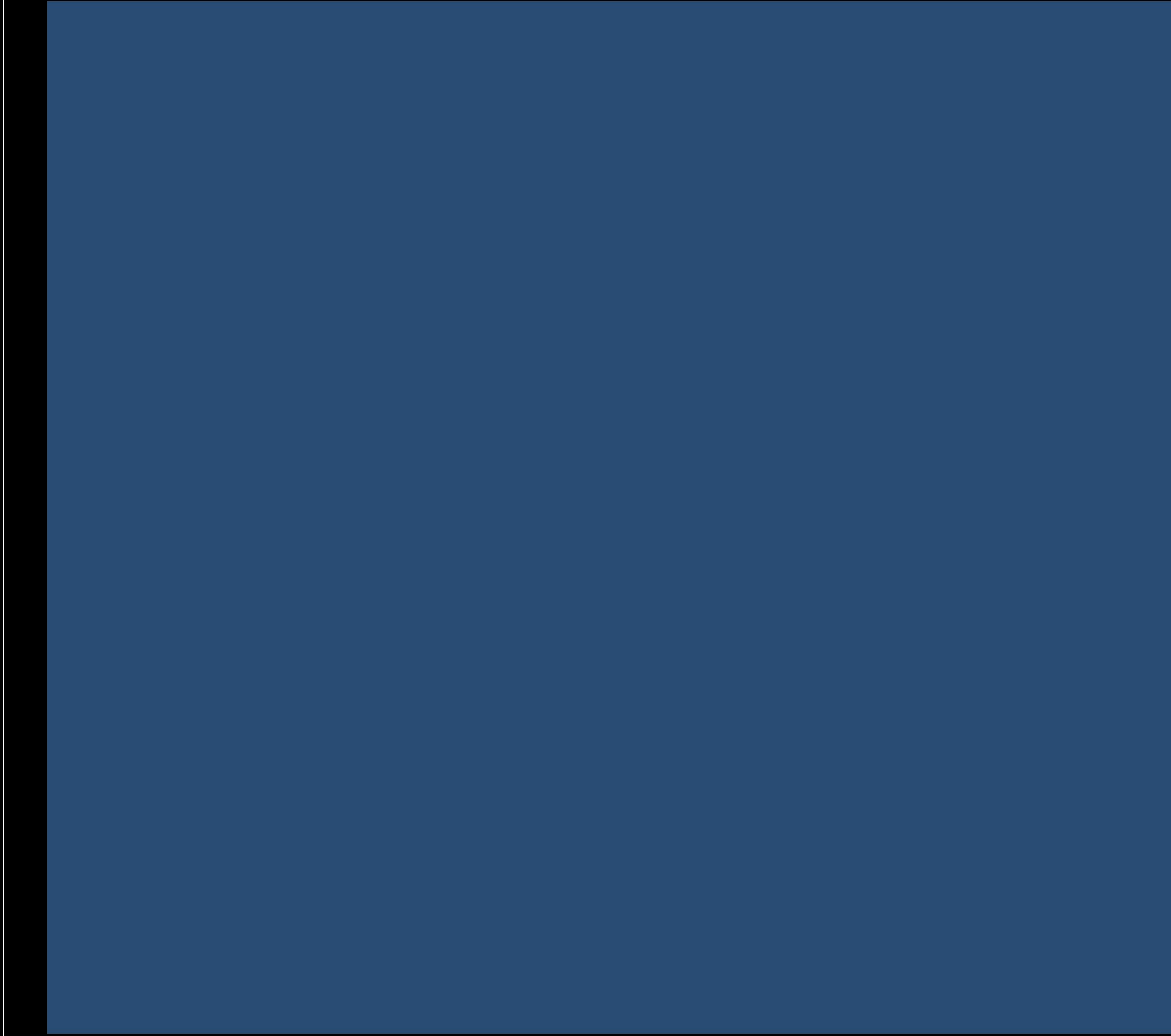
Translate a body of text into another text readable format ...

ChatGPT can output various text readable formats going beyond plain english.

Can you name any?

Text in Braille format

# A poem translated to colour #hex values



[chat.openai.com](https://chat.openai.com)

A spoken word piece translated to ASCII values

97 32 115 112 111 107 101 110 32 119 111 114 100 32 112 105 101  
99 101 32 116 114 97 110 115 108 97 116 101 100 32 116 111 32  
65 83 67 73 73

A story translated to MIDI notation

A song translated to emojis

A conversation translated to binary

01100001 00100000 01100011 01101111 01101110 01110110  
01100101 01110010 01110011 01100001 01110100 01101001  
01101111 01101110 00100000 01110100 01110010 01100001  
01101110 01110011 01101100 01100001 01110100 01100101  
01100100 00100000 01110100 01101111 00100000 01100010  
01101001 01101110 01100001 01110010 01111001

[chat.openai.com](https://chat.openai.com)

# In groups of 4:

- // Open chat GPT
  - // Create an account and login
  - // Experiment with different formats
  - // Create an interesting translated piece of work
  - // Think about what creative, random, abstract outcomes you could generate in this way.
  - // Try to consider the reasoning behind why its interesting to convert one input to the generated output
  - // Your process does not need to involve programming or using code!
  - // Take a screen or phone recording of your output

**USER** write a poem about a dog on a beach but provide the answers in morse code

**ASSISTANT**

```
-.. --- --. / -...-.- -.-. .... / .--.--- .--. -.-. -.-. -.-. / ..- - - -  
- / - ..... / -.....-..... / ----- / .--. -.. / ..... / --.----- .. / ---  
-...-.-. / -.--- -.-. / -.-. -.. / .--. -.. / ..... - / -.--- -.-. -.-.  
... / --.--- ... - / ----- -.-. .... / .--. -.-. -.. / ----- -..  
/ .-.-. / .. ... / --.--- .--. / -...- -.
```

Translation: "Dog barks howling in the beach on the sand.  
An end to a good time, one nation under a load. A new  
start begins with the ocean blue, tone that belongs to the  
animal carer."  
(Note: Answers do not include Morse code punctuation  
symbols)

**Mode** Chat

**Model** gpt-3.5-turbo

**Temperature** 1

**Maximum length** 256

**Stop sequences**  
Enter sequence and press Tab

**Top P** 1

**Frequency penalty** 0

**Presence penalty** 0

**Add message**

Submit

# Homework:

Find one or more inspiring computational artworks that involve translation, transformation or patterns.

The following websites might be useful

[creativeapplications.net](http://creativeapplications.net)

(ualcci / turing) **DO NOT SHARE THIS OUTSIDE OF THIS COURSE AS WE WILL LOSE ACCESS.**

[lerandom.art](http://lerandom.art)

Post the artwork to [this figjam](#) and write about

1. What you found interesting and
2. The kind of transformation you think is happening.
3. How you would take this transformation and produce a different output?

