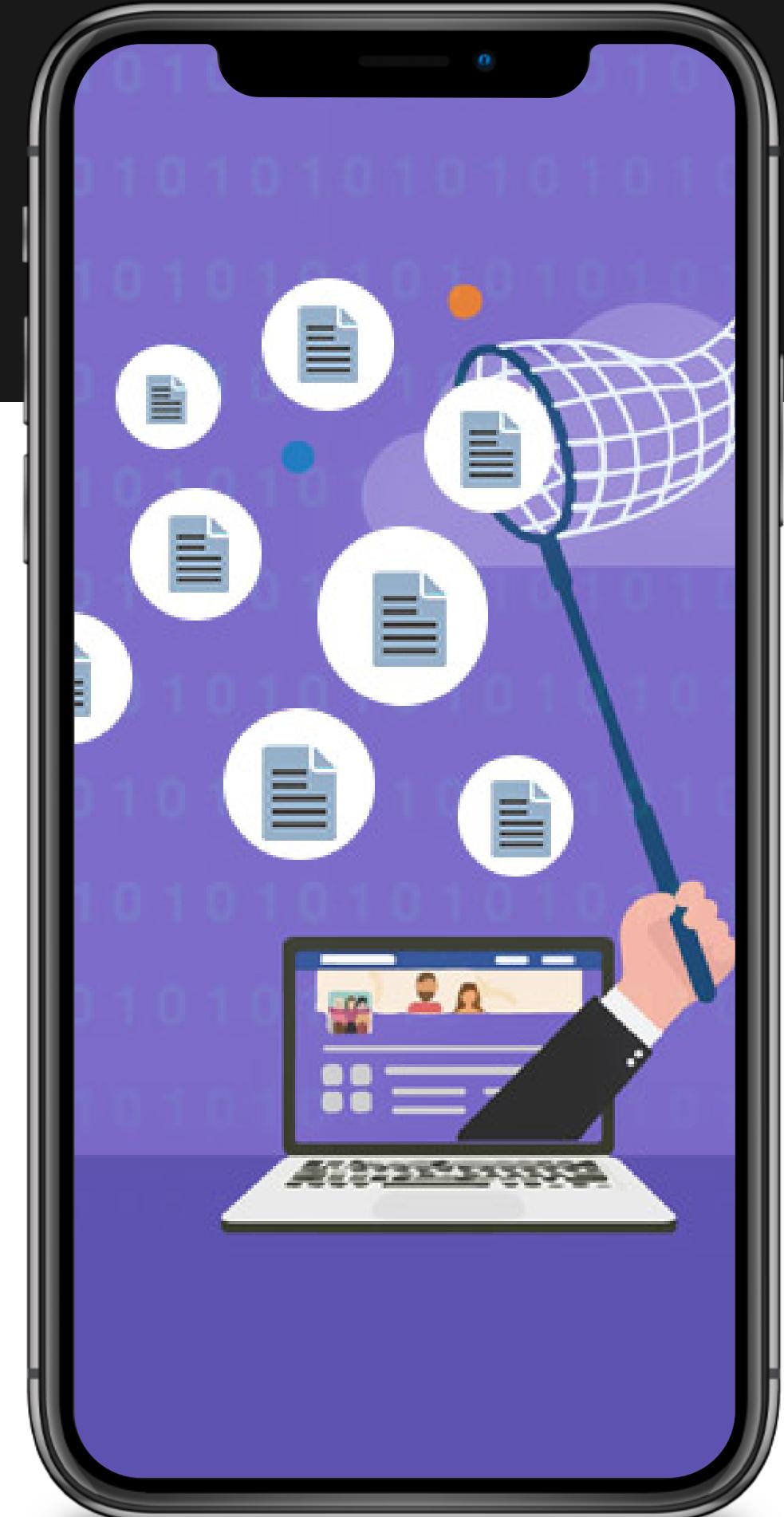


# **Detection & Extraction of text from an Image using Image to Text API with IBM Cloud**

**Team CSE-01**

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Came across a banner or any picture with text or a visiting card?

Would you like to store the information in that image as a text for future use?

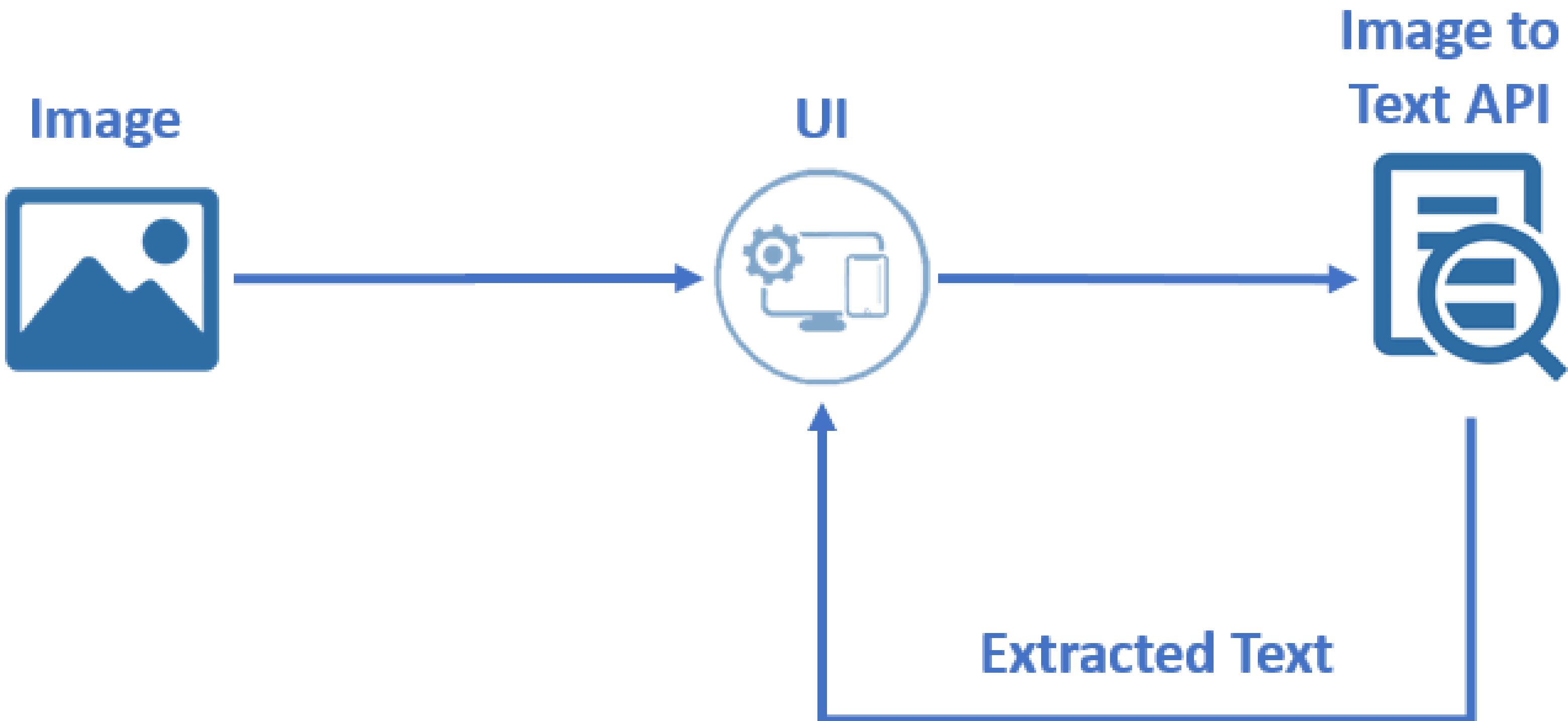
It is possible to extract the text from any image. Yes, you heard it right. This application helps you do that. Browse the image, copy its address and paste the URL of the image and get the text extracted.



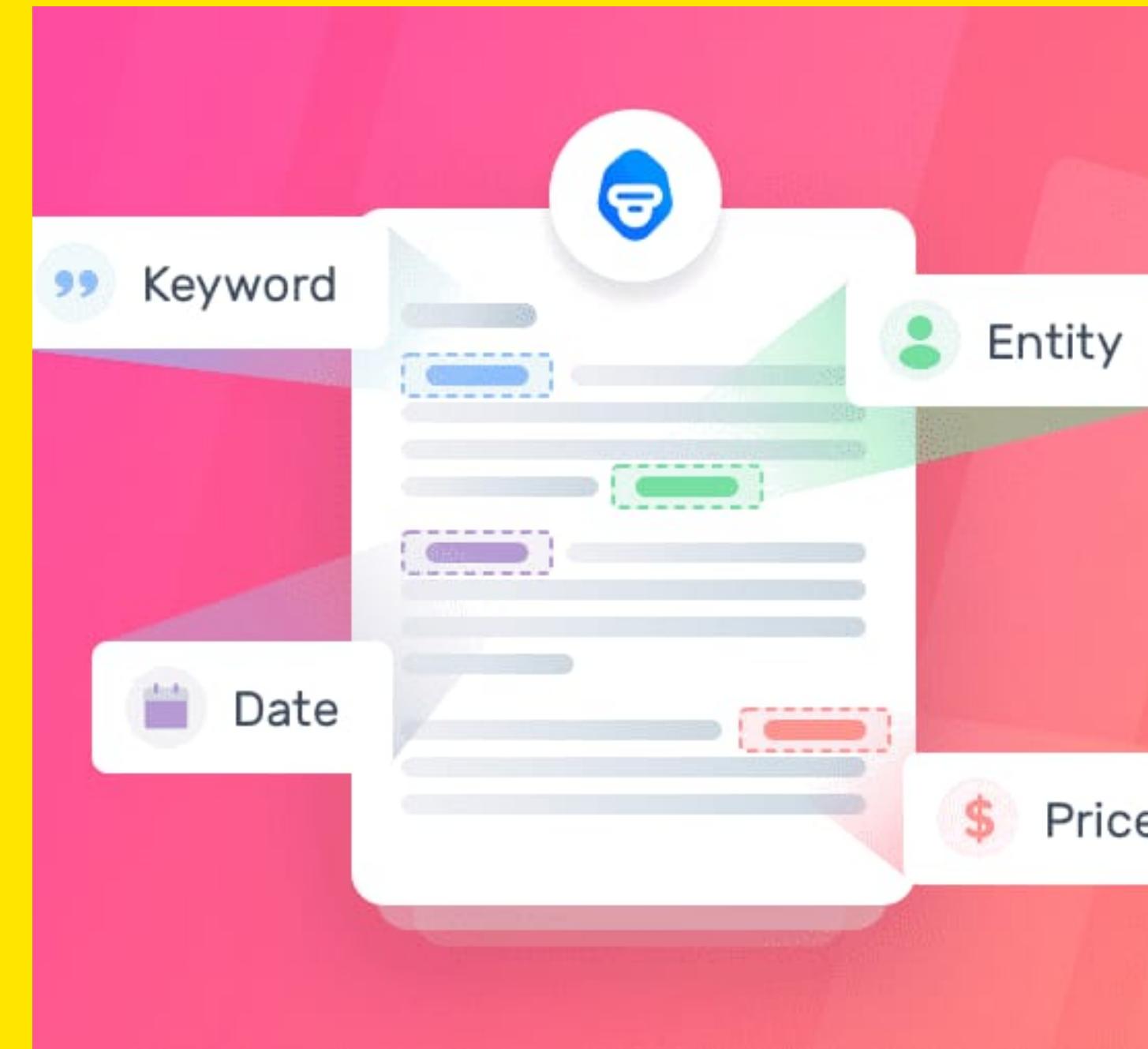
# What is an Image To Text API ?

- Image to Text API uses a neural net (LSTM) based OCR engine which is focused on line recognition, but also supports recognizing the character patterns.
- It simply detects and displays the text present in the image.
- It supports both handwriting and printed materials.

# How an Image is converted to Text ?



# Features



The Image to text API can detect and display the features such as:



Alphabets



Numericals



Special symbols

# Steps for image to text conversion:

01

**Copy the URL of the image/ image address**

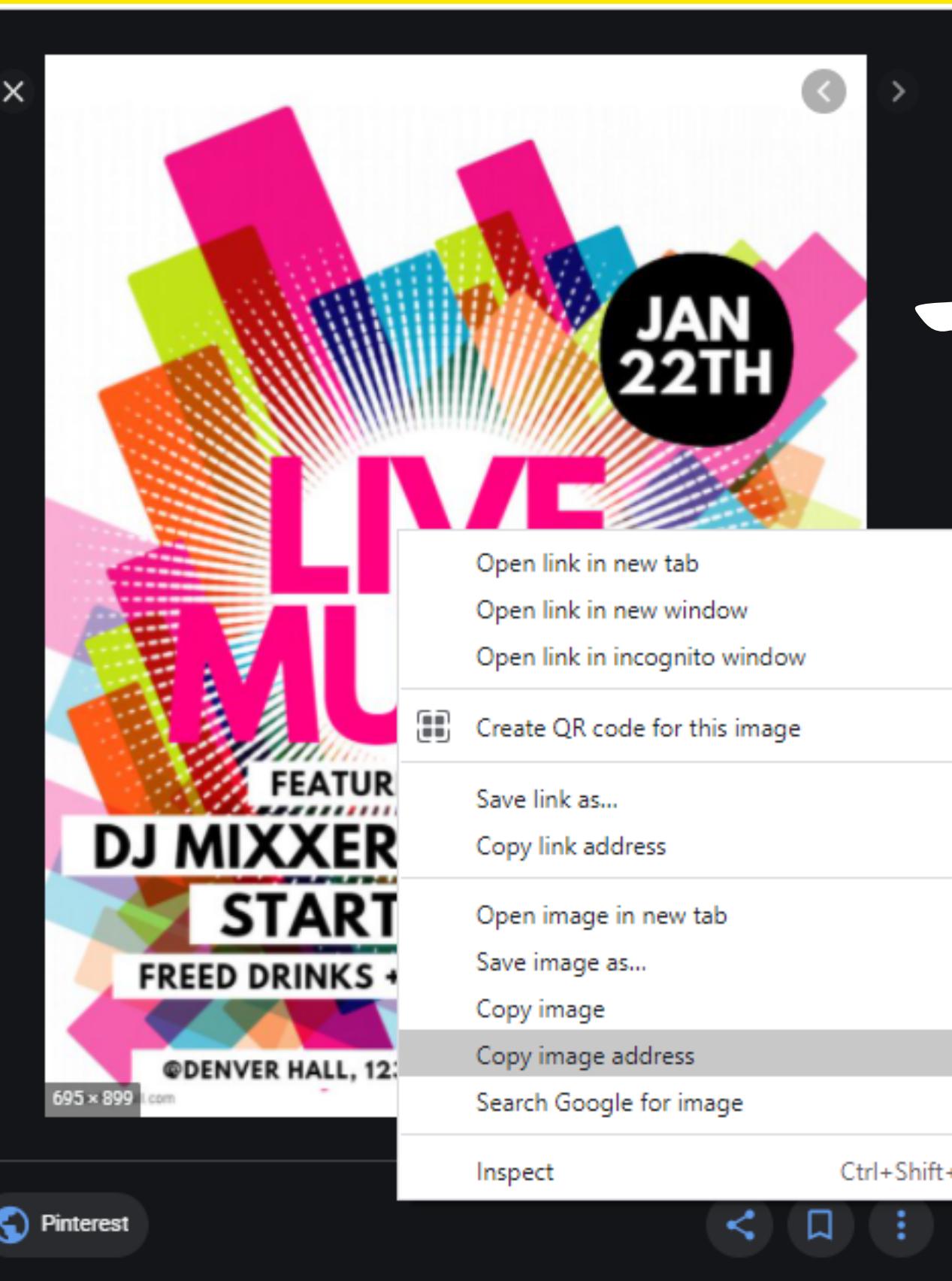
02

**Drop the image URL in the search bar.**

03

**Click the 'Submit' button to display the text.**

# Let's begin !



Drop in the image URL to extract the text!

<https://i.pinimg.com/736x/b4/7d/30/b47d305fb82f202cd3787b223>

Submit

The text extracted is:

JAN 22TH LIVE MUSIC FEATURING  
ARTISTS DJ MIXXER & DJ TONNES  
STARTS AT 9PM FREEED DRINKS +  
FREEBIES + PARKING @DENVER  
HALL, 123 MAIN STREET, NY 27345  
PosterMyWall.com

# THE LATEST CRAZE



# THE SHERLOCK HOLMES GAME

The Great Game for This Winter

"Society has seized upon the new card game, Sherlock Holmes."—*Boston Herald*.

"The liveliest card game ever devised."—*New York World*.  
Learned in two minutes. A light, bright, catchy card game  
which everybody likes.

Price, 50 cts. at Dealers, or  
Mailed by us.

GOLD MEDAL, World's Fair, St. Louis, 1904.

**PARKER BROTHERS INC.**  
SALEM, MASS., U.S.A. and Flatiron Bidg. NEW YORK.  
Also Sole Makers of PIT, Souire BID, Ping-Pong etc.

The text extracted is:

THE LATEST CRAZE THE SHERLOCK HOLMES GAME The Great Game for This Winter \* Society has seized upon the new card game, Sherlock Holmes."—Boston Herald. \*\* The liveliest card game ever devised."—New York World. Learned in two minutes. A light, bright, catchy card game which everybody likes. Price, 50 cts. Mailed by us. at Dealers, or GOLD MEDAL. World's Fair, St. Louis, 1904. PARKER BROTHERS INC SALEM, MASS., U.S.A. and Flatiron Bidg. NEW YORK. Also Sole Makers of PIT, Souire BID. Ping-Pong etc.

I love handwritten letters.  
The way the words get jumbled up when the writer's excited.  
The way the words get neat when the writer is trying ~~not~~ not to make a mistake. The way the words get pretty, because the writer's in love. ~~in love~~  
I love handwritten letters.

imjust-a-girl.tumblr



### The text extracted is:

I love handwritten letters. The way the words get jumbled up when the writer's excited. The way the words get neat when the writer is trying to make a mistake. The way the words get pretty, because the writer's in love. I love handwritten letters. anot imjust-a-girl.tumblr

Find the first four multiples of 13.

$$13 \times 0 = 0$$

$$13 \times 1 = 13$$

$$13 \times 2 = 26$$

$$13 \times 3 = 39$$

0, 13, 26, 39

multiples are what we  
get after multiplying the  
number by an integer.

The text extracted is:

multiples are what we get after  
multiplying the number 3 by an  
integer. Find the first four multiples of  
13.  $13 \times 0 = 0$   $13 \times 1 = 13$   $13 \times 2 = 26$   $13 \times 3 = 39$

Thank  
you!