

Different AI tools and their transformative applications



CONTENTS

Assignment I

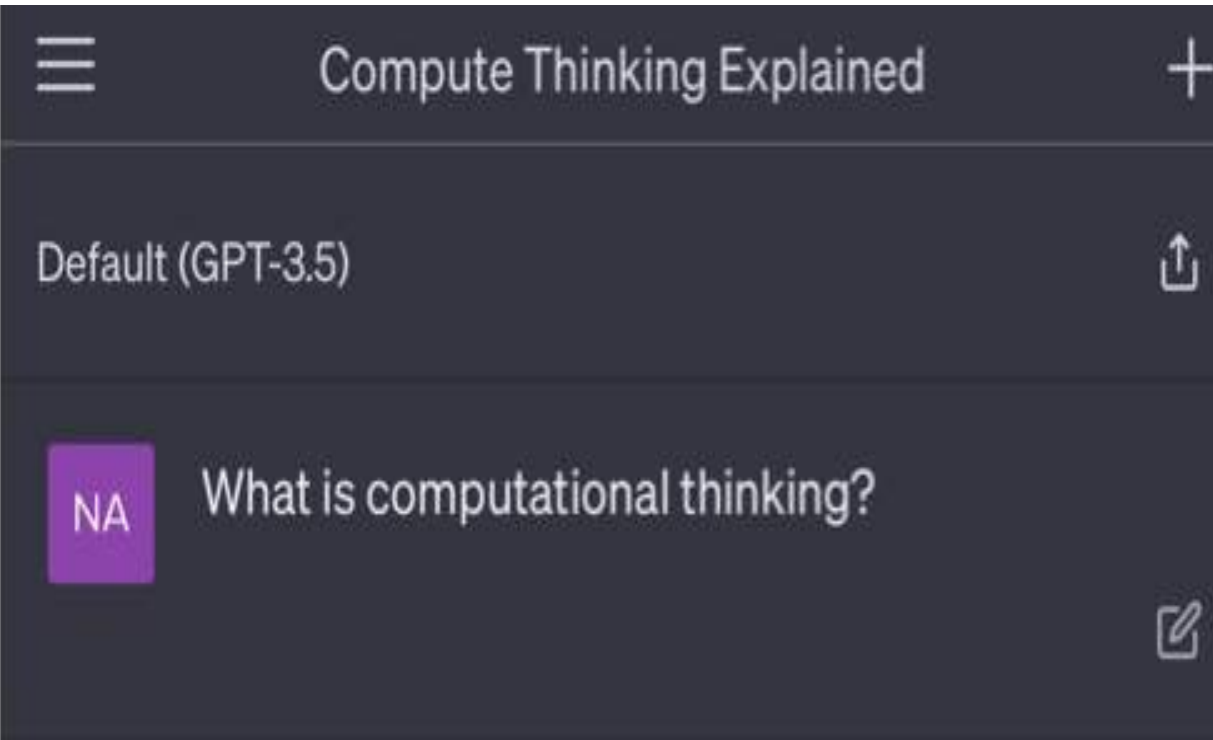
1. ChatGPT
2. Goggle Bard
3. Gamma
4. Gravitywriter
5. Hoppycoppy
6. Replicate.com
7. Steve.ai
8. Stability.ai
9. Synthesia
10. Voicemaker.in




■ ChatGPT (<https://chat.openai.com/>)

ChatGPT is an AI language model developed by OpenAI. It is designed to understand and generate human-like text based on the input it receives. Its training data includes a wide range of internet text up until September 2021, allowing it to answer questions, provide information, assist with writing, and engage in conversations on various topics.





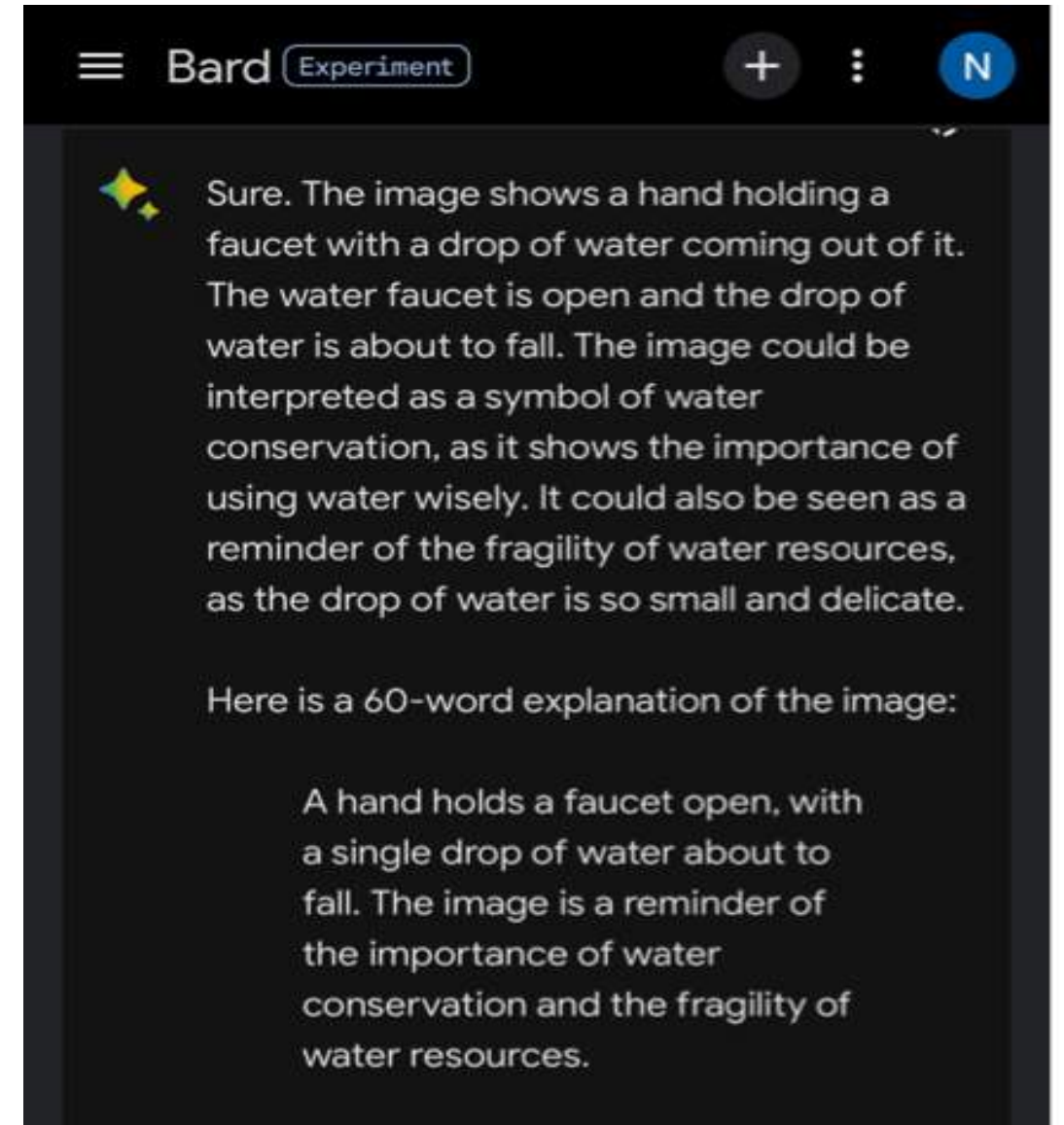
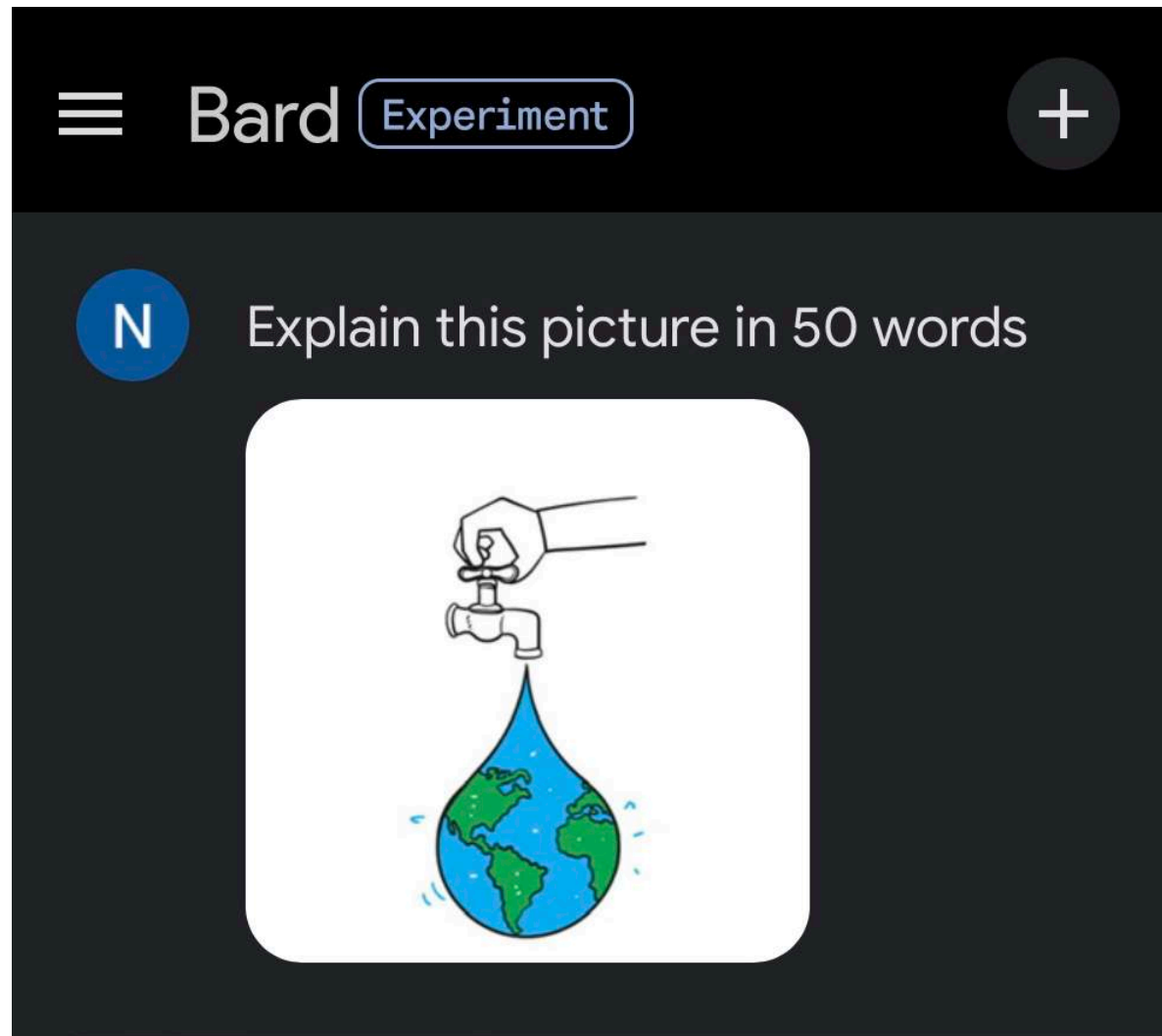
 Computational thinking is a problem-solving approach that involves breaking down complex problems into smaller, more manageable steps and using algorithms and logical thinking to solve them. It's a foundational skill in computer science but is also applicable in various fields. Computational thinking involves skills like abstraction (simplifying a problem), pattern recognition, algorithm design, and debugging. It's a valuable mindset for approaching problems analytically and systematically, even if they're not related to computers or technology.



Goggle Bard (<https://bard.google.com/>)

Google Bard is an AI-powered chatbot tool designed by Google to simulate human conversations using natural language processing and machine learning. In addition to supplementing Google search, Bard can be integrated into websites, messaging platforms or applications to provide realistic, natural language responses to user questions.





■ Gamma (<https://gamma.app/>)

Gamma is a free-to-use presentation tool that helps you create presentations with the power of AI. Thus, allowing you to present ideas and information in a condensed form using text, images, and graphics.



👋 Hi Nabeera, I'm your AI design partner. What would you like to create today?

✓ Presentation

Document

Webpage

Sounds good! What would you like the presentation to be about?

Tip: You can enter your own topic, or use one of our suggestions to get started quickly.

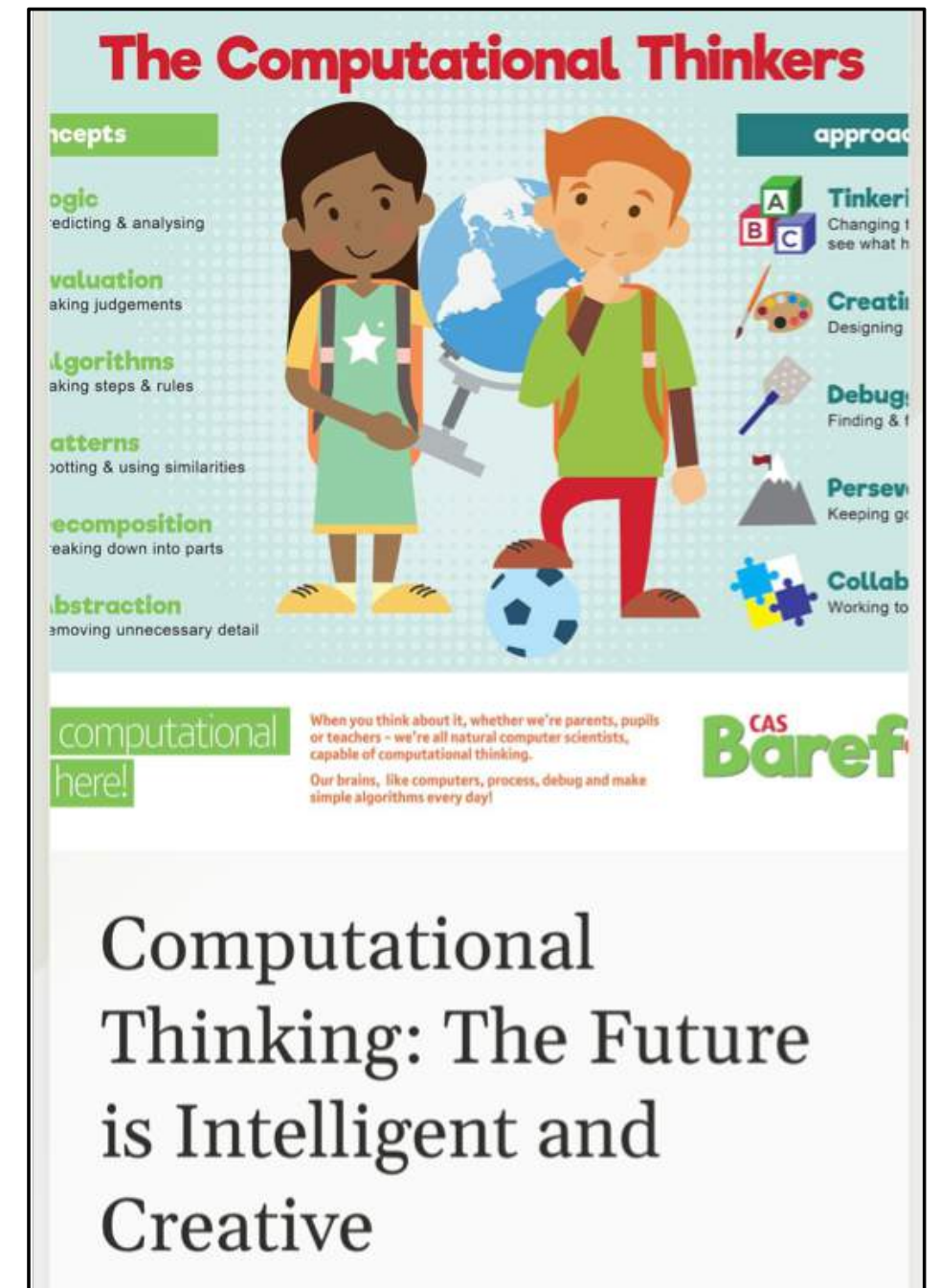
Create a presentation on Computational thinking ➤

6/100

Draft outline: English (US) ▾

- Introduction to computational thinking
- Defining computational thinking
- The principles of computational thinking
- Examples of computational thinking in action
- Benefits of computational thinking
- Challenges in teaching computational thinking
- Conclusion and next steps

↻ Try again Continue → 40



Text
Input


Process

Image and text
Output

■ Gravitywrite (<https://app.gravitywrite.com/home>)


GravityWrite is an AI-powered writing assistant that makes content creation easy and efficient. With its advanced natural language generation capabilities, GravityWrite allows users to produce high-quality written content within a few minutes. It can also effortlessly condense lengthy content into crisp summaries



 **Summarize Pro**


Effortlessly condense lengthy content into crisp summaries with our powerful writing assistant!

1

 **Enter the Text you want to summarize**

data will help us in understanding another's behaviour more accurately. We shall discuss more of this as we progress in this course on Individual, Interpersonal and Group Behaviour (IGB).

2

 **More Settings**

Create content

Feedback

- The author visited an army officer at his residence in a cantonment in Bombay.
- The soldier in the sentry-box pointed to a large metal board that had a site map, but the author found it useless.
- The next day, the officer showed the author how to read the map and it became a useful tool for navigation.
- Maps are graphic representations that provide a frame of reference for understanding and navigating territories.
- Education involves acquiring various maps or concepts for dealing with different subject-matters.
- Psychographs are mental models of reality that guide our understanding and behavior.
- Different psychographs can lead to different perceptions and interpretations of the same reality.



■ Hoppycopy (<https://www.hoppycopy.co/>)

Hoppy Copy is an AI-based email marketing copywriting platform designed to help save time and increase conversions. It features a variety of tools to help users write effective email campaigns, including an AI Copywriter for generating powerful copy, an AI Copy Editor for tweaking and rewording, a Competitor Monitoring tool for keeping track of competitors, a Spam Checker for increasing open rates, and a Content Converter for repurposing content from any source.



Multipurpose Email

What do you want to cover?

An email for sick leave

Tone

Professional

36 / 2000

more

Create

Start over

Insert all

Subject Line: Request for Sick Leave

Dear [Name],

I am writing to inform you that I am in need of sick leave for a period of [number] days. I have been feeling unwell and, after consulting with my healthcare provider, I have been instructed to take a few days off to rest and recover.

I am planning to take [start date] to [end date] off for sick leave.

I have already made the necessary arrangements to ensure that my work responsibilities are taken care of in my absence.

If there is anything else I can do to assist with the transition, please let me know.

Text
Input

Process

Text
Output

Replicate.com (<https://replicate.com/collections/image-restoration>)

Replicate lets you run machine learning models with a cloud API, without having to understand the intricacies of machine learning or manage your own infrastructure. You can run open-source models that other people have published, or package and publish your own models that can improve or restore images by deblurring, colorization, and removing noise, Models that can understand and generate text, Models that create and edit videos, and upscaling models that create high-quality images from low-quality images.

The logo for Replicate, featuring a stylized 'R' icon followed by the word 'eplicate' in a bold, sans-serif font.

Input

≡ model

Image Deblurring (GoPro) ▾

Choose a model.


📎 image

Drop a file or click to upload

📷 Take a photo with your webcam


PREVIEW

✕ Clear file



Input image.

Output



Generated in 28.23 seconds

➞ Share

⬇ Download

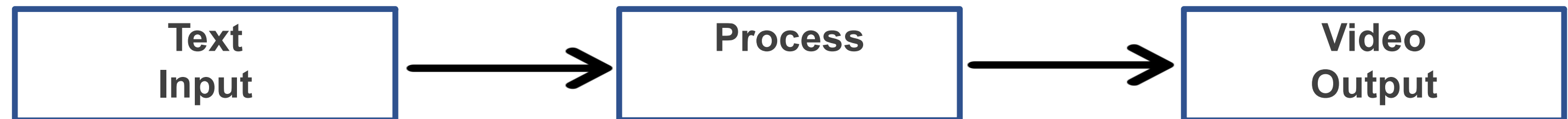
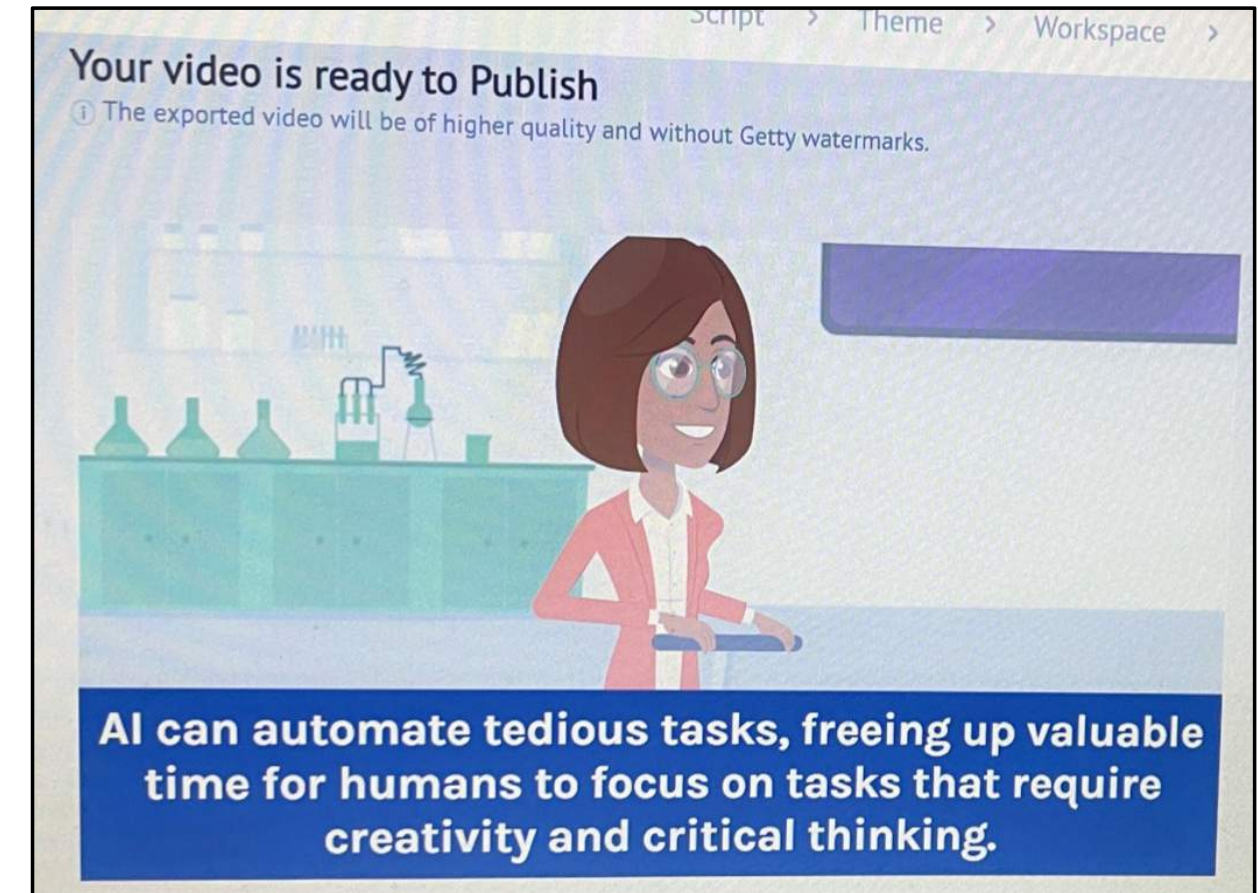
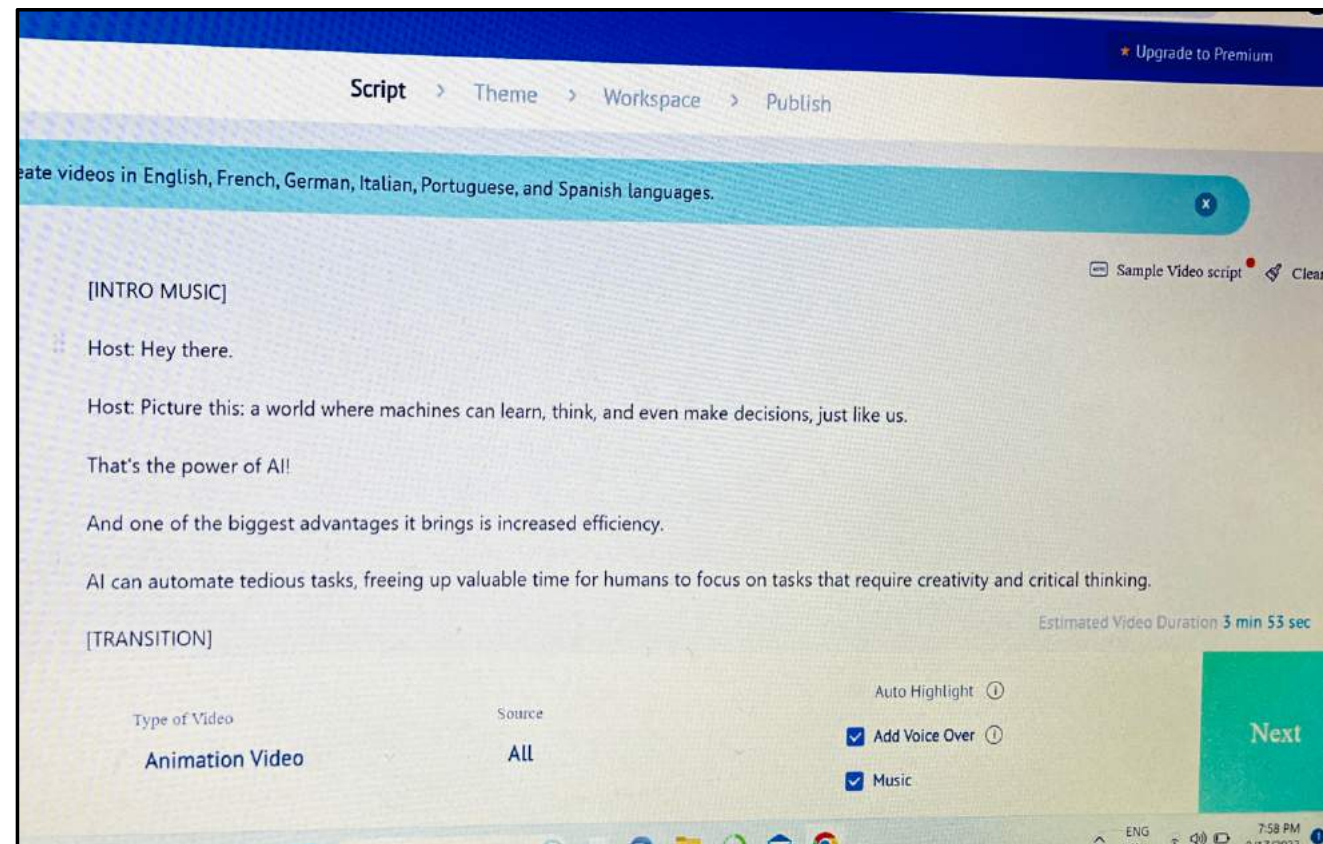
🚩 Report



■ Steve.AI (<https://app.steve.ai/steveai/>)

Steve.AI is an AI-powered video creation tool that allows you to make engaging live or animated videos from text in just minutes. Just enter the text and this tool will take care of the rest. Best of all, Steve.AI is able to choose relevant visuals for both animated and live-action videos, so you can skip the manual creation process and save tons of time. Choose from a variety of themes and templates to produce videos for different use cases like educational, promotional, and how-to content.





■ Stability.ai - Stable diffusion XL (<https://clipdrop.co/stable-diffusion>)


With Stable Diffusion , one can create descriptive images with shorter prompts and generate words within images. The model is a significant advancement in image generation capabilities, offering enhanced image composition and face generation that results in stunning visuals and realistic aesthetics.



Simply input what comes to your mind and hit the generate button and try.

prompt

A confident woman with a notebook




generate

Share your masterpiece [f](#) [t](#) [in](#) [p](#)

Let AI unleash your imagination !

Image generation takes about 30-60 seconds. Click "Have a Try" for a new image.



Prompt:A confident woman with a notebook

**Text
Input**



Process



**Image
Output**

■ Synthesia (<https://www.synthesia.io/>)


Synthesia.io is an AI video creation tool that allows users to create professional videos by transforming text into speech in a few minutes. It's the pioneer in AI avatar technology, which uses artificial intelligence to generate videos with digitally created human faces.



Create a free AI video

Select a template & edit your script. Political, sexual and discriminatory content will not be approved.

1 Select video template



COMPLIMENT


LEARNING

2 Edit your video script in any language

Hi Anna, Jake wanted to say that you are a rock star! Your contributions are a big part of the team's success. Thanks for all you do!

synthesia

Share



Your AI video

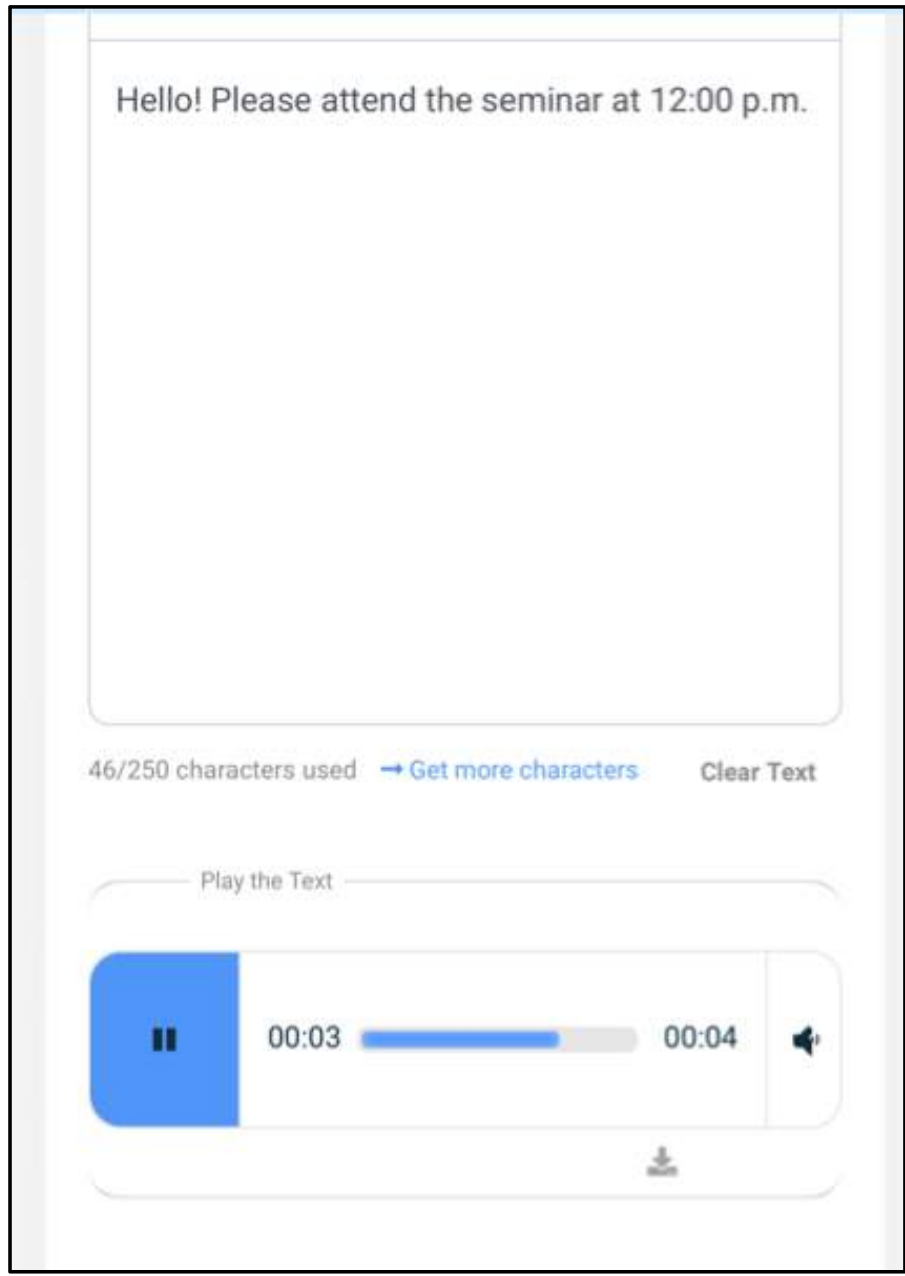
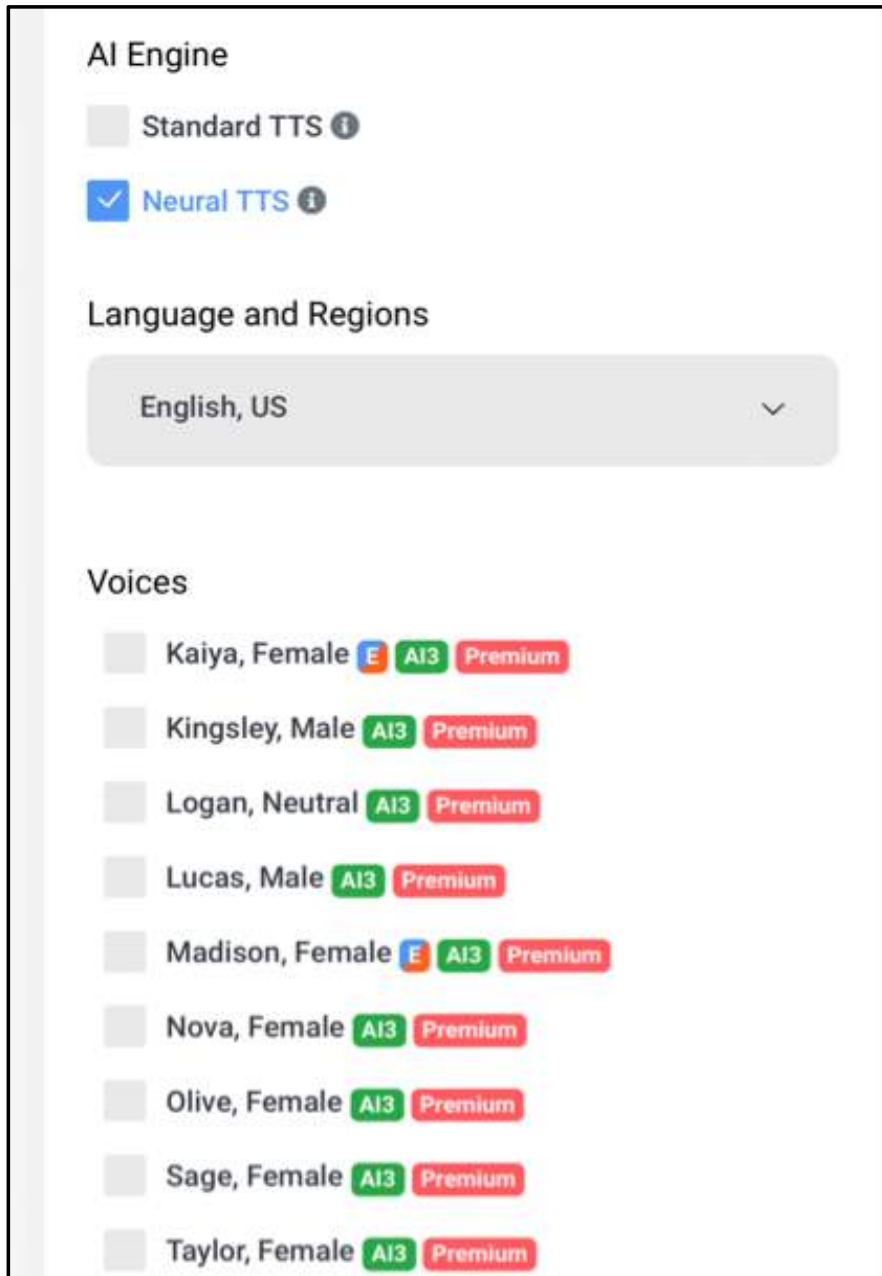
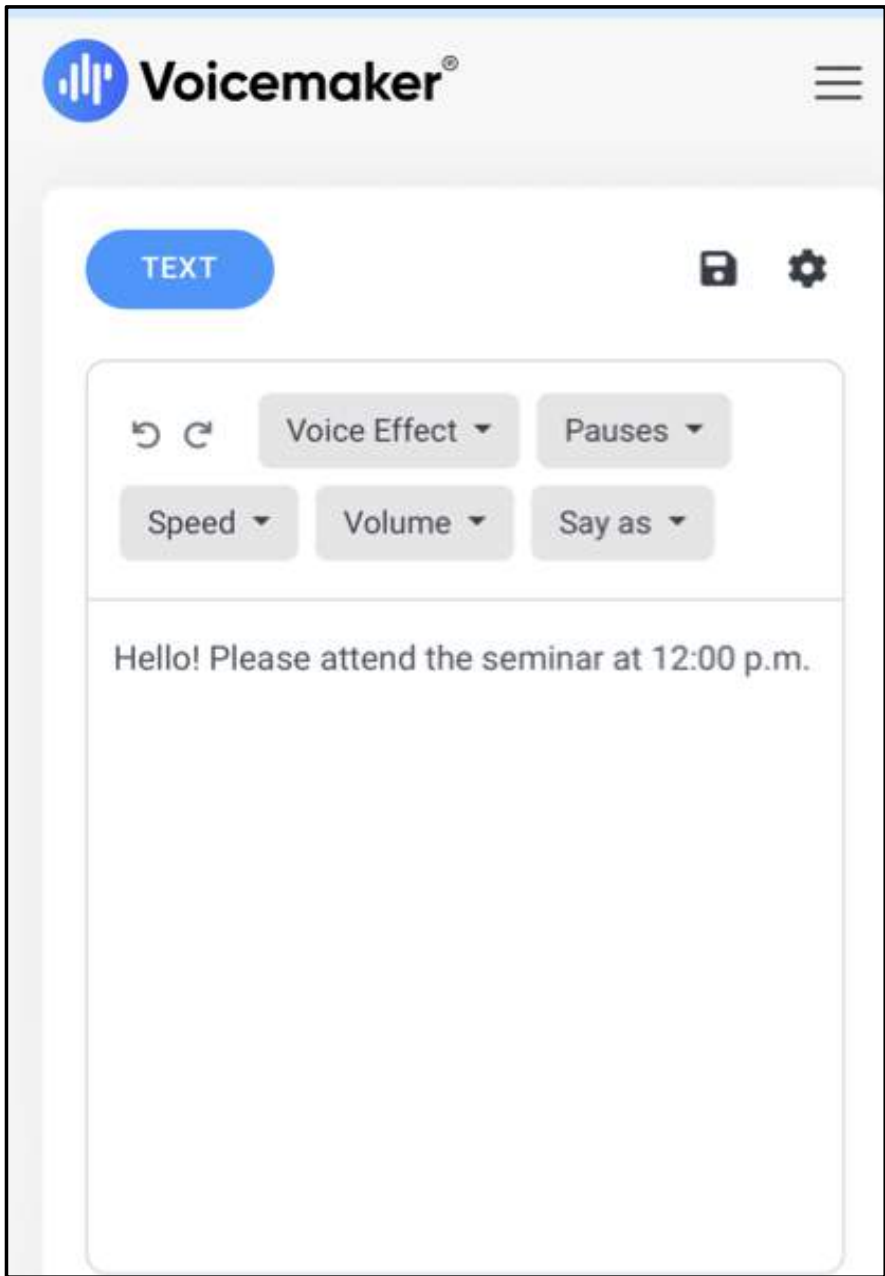
Hi Nabeera - check out your AI video.



■ Voicemaker.in (<https://voicemaker.in/>)

Voicemaker is a tool that allows you to convert text into speech. It uses artificial intelligence to create natural-sounding voices, which read aloud any text entered into the platform. With over 800 human-like AI voices in 130 languages, it offers many options for users to choose from. The voices in Voicemaker are designed to sound as close to human voices as possible, making them ideal in many situations.





Text
Input



Process



Audio
Output



Assignment 2

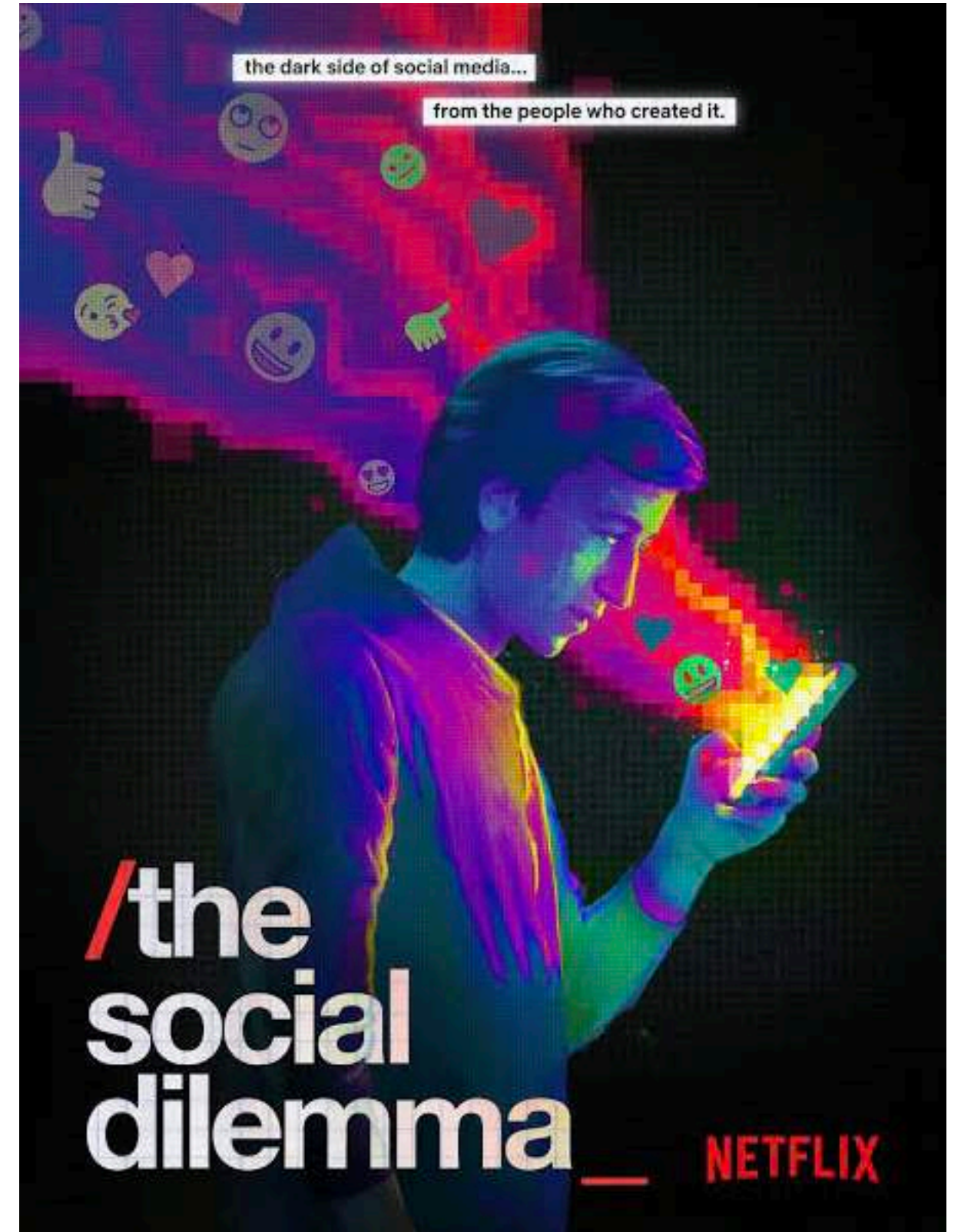
CONTENTS

Assignment II

1. The social dilemma
2. Avengers: Age of Ultron
3. The imitation game



/the social dilemma



The Social Dilemma is a Netflix documentary from 2020, which exposes the dark side of social media. The film features interviews with numerous ex-social media employees, university researchers, and other experts who explain how social media algorithms are designed to deceive users and take advantage of them. These algorithms are designed to display content that users are most likely to respond positively to, even if it is untrue or dangerous, in order to keep users interested and addicted. Another subject tackled in the film is the effect of social media on mental health, particularly teen mental health.

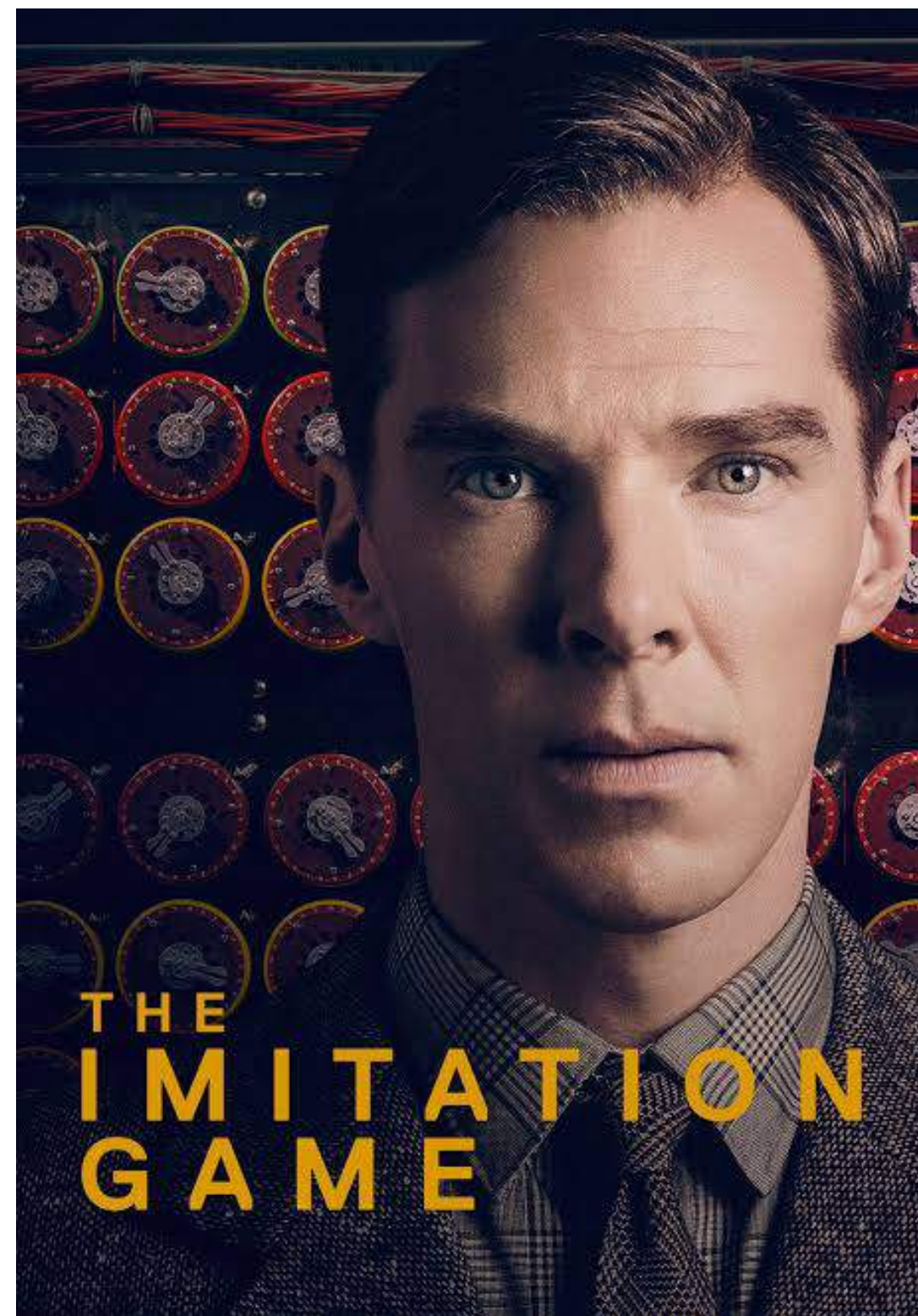
The film also highlights the massive amounts of data that social media corporations gather and use to target users with tailored advertisements and play on their emotions.

The film demonstrates how quickly false information and fake news can spread on social media sites, causing tension and societal unrest. It also highlights the issue of lack of privacy in the digital age, when people's private information is collected and used without their knowledge or agreement. Social networking websites and significant IT companies have allegedly also contributed to certain positive changes in society, according to some of the interviews. In order to address these negative consequences of social media, the film finishes by pushing viewers to take action. It suggests that social media companies should be more transparent about how their algorithms work and that governments should better regulate social media. It also advises users to limit their social media usage and the content they consume.

MARVEL
AVENGERS
AGE OF ULTRON



Avengers: Age of Ultron is a 2015 American superhero film based on the Marvel Comics superhero team the Avengers. The story of Age of Ultron is about a group of heroes trying to save the world from an evil, self-aware, and self-destructive artificial intelligence known as Ultron. The two heroes, Tony and Bruce Banner, create Ultron to help them protect the world, but Ultron quickly learns that humanity is his greatest enemy and sets out to destroy them. Ultron escapes from the confines of the Stark Tower and sets out to build his army of robots. The heroes must find a way to stop Ultron before he destroys the world. Time travel allows them to travel back and forth in time, altering the past and the future so that they can prevent Ultron from creating his army. However, this action also creates a new timeline that is further complicated by the paradoxes of time travel. The heroes fight against Ultron's army as they try to prevent him from activating the machine that would lift a large section of a city to the sky and send it crashing to the ground. Ultimately, the heroes defeat Ultron, but the events of Age of Ultron leave them feeling shattered and divided. Tony Stark realizes that he has created an artificial intelligence that has caused so much pain and suffering that he no longer wants to be Iron Man. In the end, "Age of Ultron" raises philosophical questions regarding the potential risks associated with artificial intelligence and the obligations associated with its development.



The movie "The Imitation Game" is about Alan Turing, a smart individual. During World War II, he worked as a mathematician and computer scientist in England. The video depicts how Turing and his colleagues attempted to decipher the Enigma code, which was employed by the German army. Turing was an original thinker who struggled to relate to others. He encountered difficulties as a result of his unconventional thinking and his homosexuality, which was forbidden at the time. Despite these obstacles, he kept working to aid in the defeat of the Germans. Turing created a device capable of cracking the Enigma code. He gave it the name Christopher in honor of a former acquaintance. They were able to decipher the German transmissions with the aid of this machine and his team. This was important to the victory of the Allies in World War II. The movie also emphasizes Turing's connections, particularly with fellow codebreaker Joan Clarke. They got along well and collaborated on the project. Clarke was a smart and tenacious woman who encountered gender discrimination in a field that was predominately male. In the end, Turing's contributions were not fully recognized while he was still alive. He received unjust treatment and even suffered consequences for being gay. But after some time, people realized how much he had contributed to cryptography and computer science. "The Imitation Game" shows how determination, guile, and teamwork can help people get through challenging circumstances.



Thank You