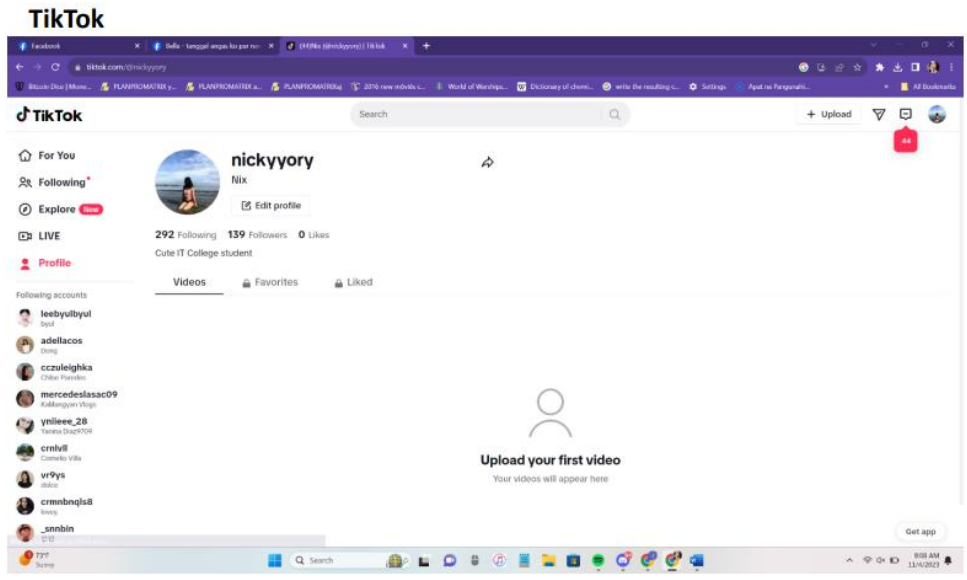
TikTok



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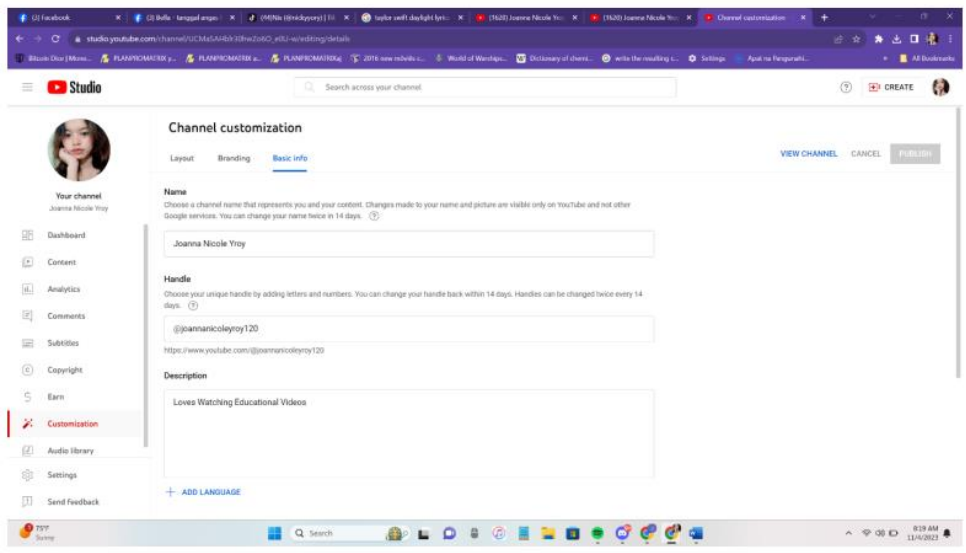

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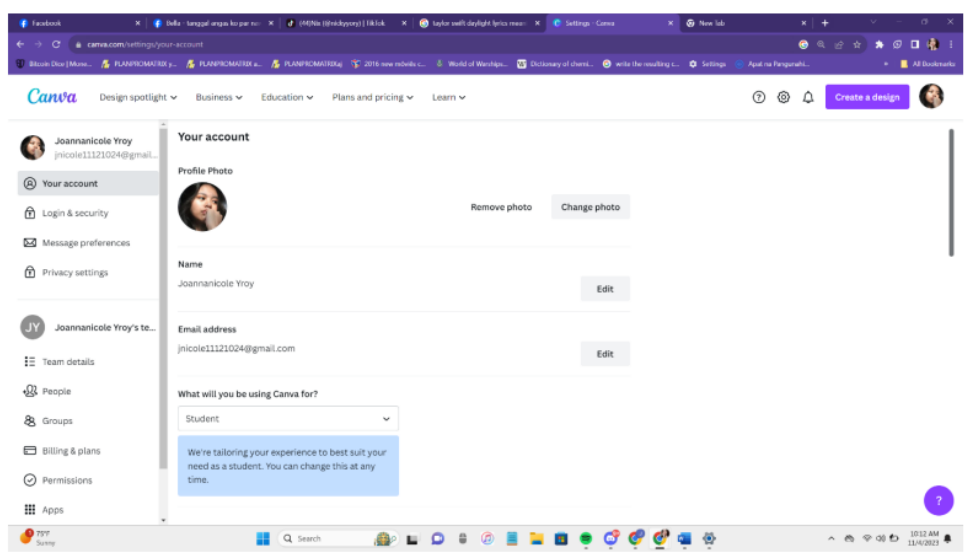

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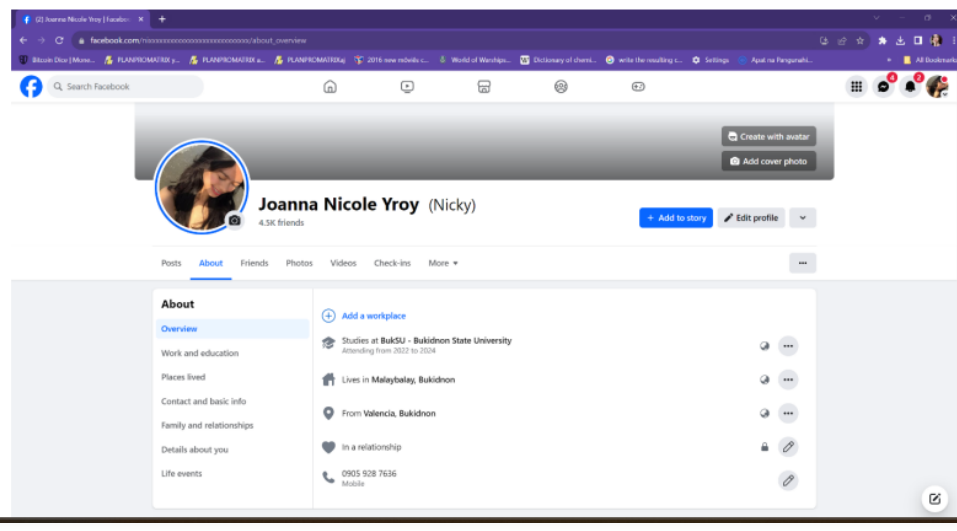
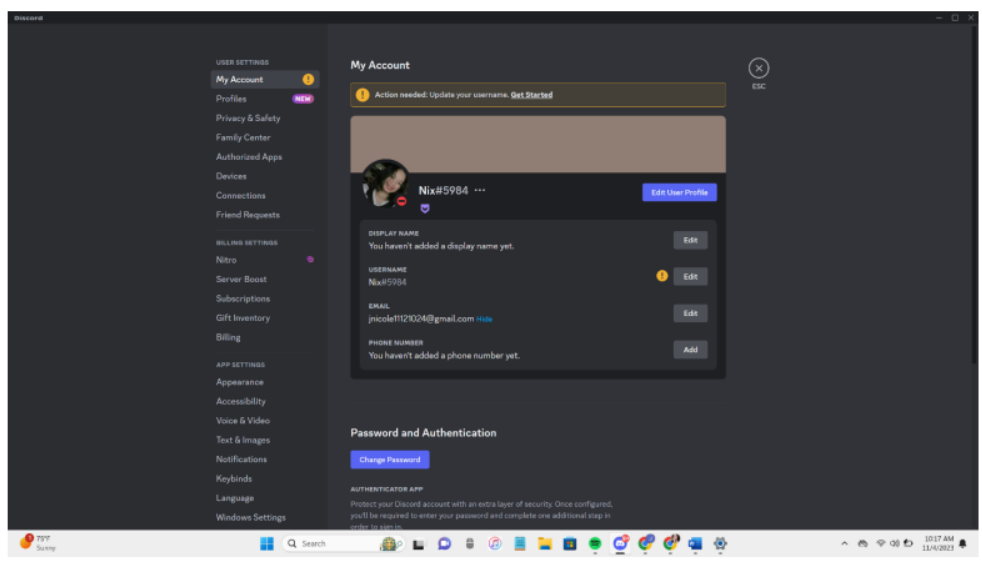
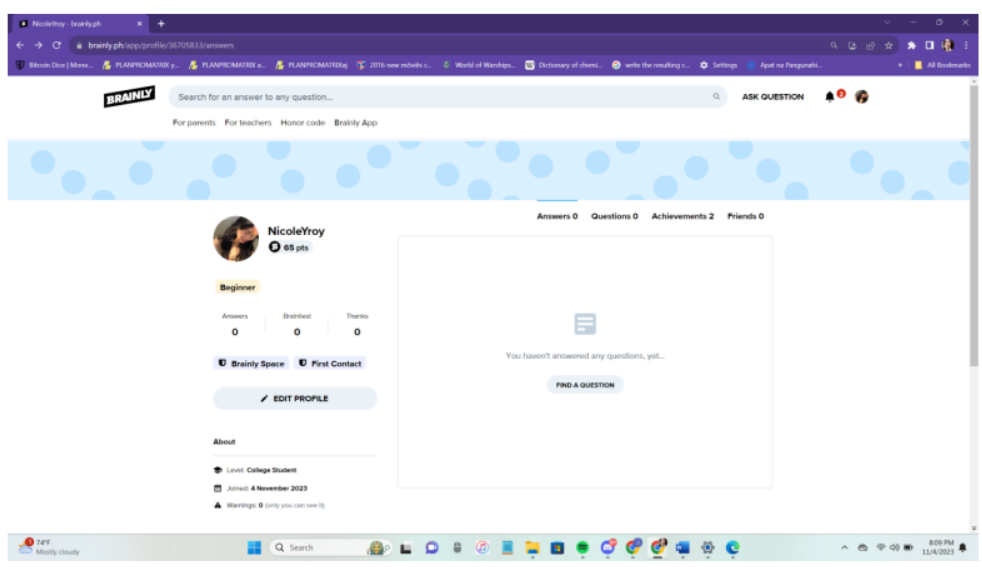


Discord



Brainly



TRANSISTORS ERA

(1947-1962)

KEY DEVELOPMENTS

Revolutionized the field of electronics and paved the way for the development of modern electronic devices, such as computers, mobile phones, and televisions.

NOTABLE FIGURES

The use of transistors in electronic devices, such as radios, televisions, and computers, rapidly increased due to their smaller size, lower power consumption, and higher reliability compared to vacuum tubes.

THE IMPACT OF TRANSISTOR ERA ON SOCIETY AND INDUSTRIES

Computer design was greatly impacted by transistor innovation, which changed the field of electronics. To replace tubes for building computers, semiconductor-based transistors were used. Computers could now accomplish the same tasks while consuming less power and space because of transistors, which replaced heavy and unreliable vacuum tubes.

MEMBERS

Cush Jabez Nuñeza
Alexander Miguel Pallasigue
Jacobo Colegio IV
Angelie Marie Dinawanao
Joanna Nicole Yroy
Nicky Sarucam

Assesment 3

Joanna Nicole P. Yroy

1. How these inventions help the development of the technology nowadays?
- PC & VLSI era, the possibilities for ICs in control applications, telecommunications, high-performance computing, and consumer electronics increases with the help of VLSI. With this invention it can help us accomplish our task efficiently.

2. What is the importance's of this technology that contributes to the society?
- Empowering technologies in our society contributes in our daily basis. It enables us to acquire more technology in the present times, by continuing this evolution it can give a great role in our society, it advances the technologies to be more efficient, improves productivity.

3. If your given a chance to come up with an invention what would you name it? And why?
- Ring alliance, this is a ring that shows hologram to assist us. I can see that this alliance can help us in a lot of factors due to the fact that is so convenient to carry and also it can help us monitors out health, physical activity and daily basis.

Assesment 4

Joanna Nicole P. Yroy BSIT-1B-T289

1. What is the event about? What type of cybercrime was identified? How did this differ to other cases?

- The event was about the cyber-attack that occur on year 2017 which affects the computer and encrypts files on the PC's hard drive. And was identified to be a ransomware attack a type of malicious software. WannaCry was unique in that it not only combined ransomware with a worm. WannaCry is considered one of the most damaging and widespread cyberattacks in history.

2. When did the attack happen? Where the attack was first discovered, and how far did it spread? When it was finally contained? Is the threat ongoing?

- The attack happened on May 12, 2017. The first cyberattack discovered was registered in Europe at 3:24 a.m. Eastern time, stated on the reposrt of the financial times. More than 300,000 computers in more than 150 countries were affected by the WannaCry attack, which spread quickly around the world. Europe, Asia, and North America were a few of the most affected continents. Halted a few hours later at 15:03 UTC on May 12,2017 WannaCry ransomware is still very much active and has been discovered infecting hundreds of thousands of computers in numerous organizations around the world.

3. What type of attacker(s) was/were involved? How did they perform the attack? Were the perpetrators caught?

- Red hat hackers, EternalBlue was used to exploit and attack various device that was not patched against vulnerability. By encrypting data and requesting ransom payments in the Bitcoin cryptocurrency, it targeted computers running the Microsoft Windows operating system. After infecting a Windows computer, it encrypts the hard drive's contents to prevent users from accessing them, then demands a ransom payment in order to decrypt them. No, nobody knows who did the attack nor where they are.

4. Who, or what entities were affected by the attack? How much damage did it cause?

- Healthcare, transportation, education, and finance are just a few of the industries that were severely disrupted by the attack. Some notable targets of the attack included the National Health Service in the UK, Renault in France, Telefonica in Spain, and FedEx in the US. The attack was estimated to have caused damages ranging from hundreds of millions to billions of dollars

5. How did the necessary authorities react to the attack? What countermeasures were used stop/prevent the attack?

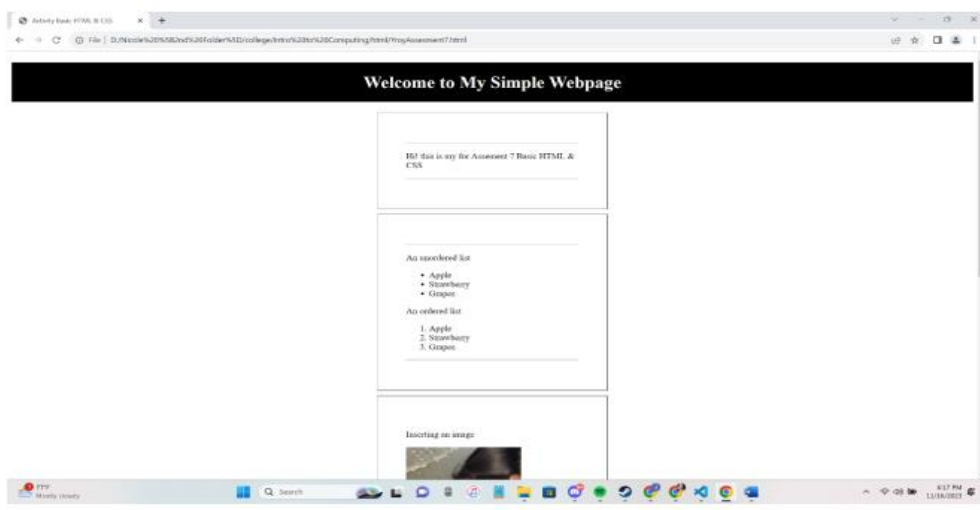
- The security researcher immediately looks for solution and come up with kill switch domain, they registered the kill switch domain to prevent the malware from spreading further. The countermeasures were firewall to block unwanted and malicious connections.

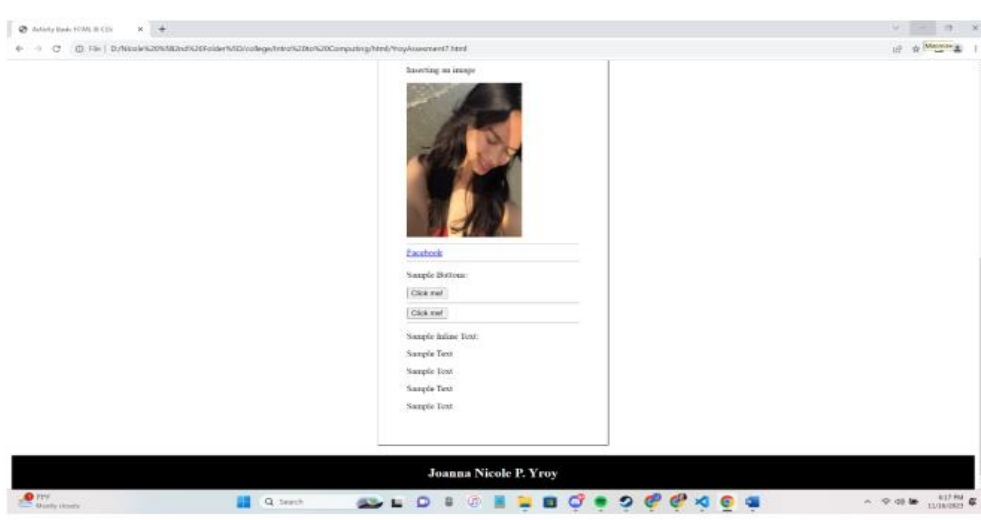
6. In your opinion, what could be done to improve the situation and prevent similar attacks from happening in the future?

- This is some of many that I could recommend to prevent the attacks that may occur Regularly updating the operating system, regularly keeping a backup of your files, and preventing unauthorized and malicious connections by using firewall.

Name: Joanna Nicole P. Yroy
Course & Section: BSIT-1B T289
Activity: Basic HTML & CSS
Link to the Code:
https://drive.google.com/drive/folders/1l73AlGYm1jimTArJTo_vk19dBdxOR2ZL?usp=sharing

Webpage





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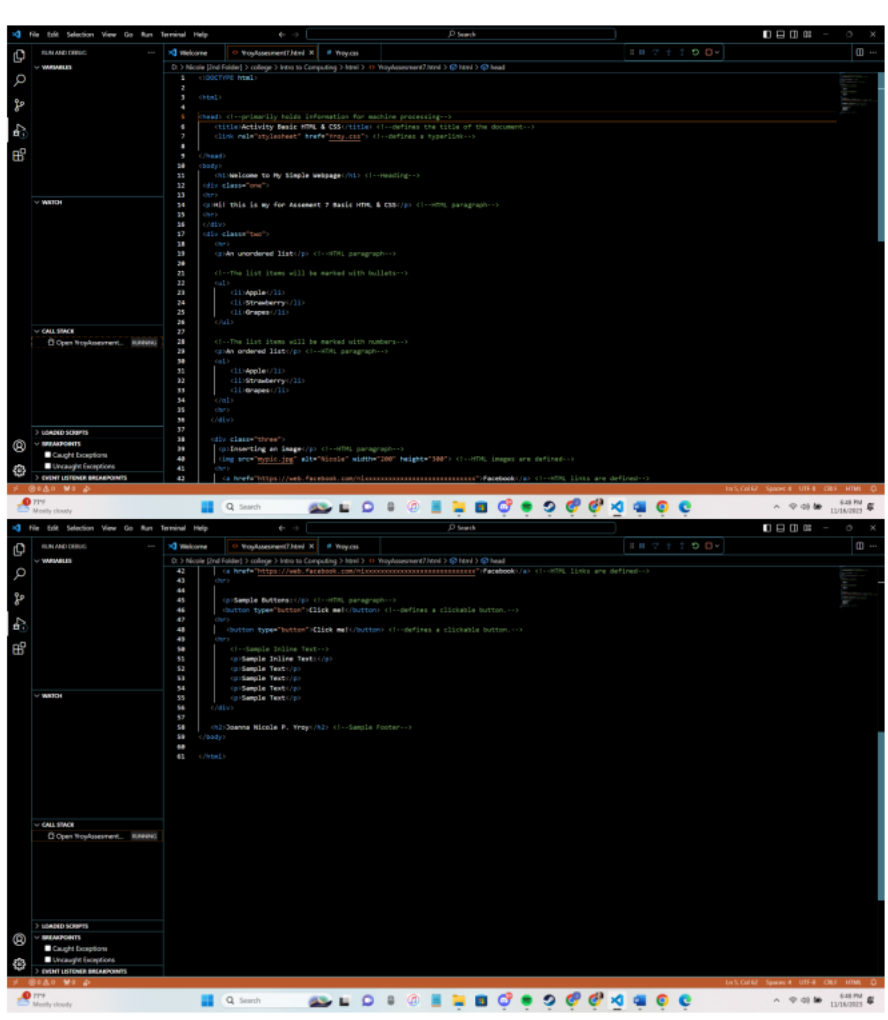

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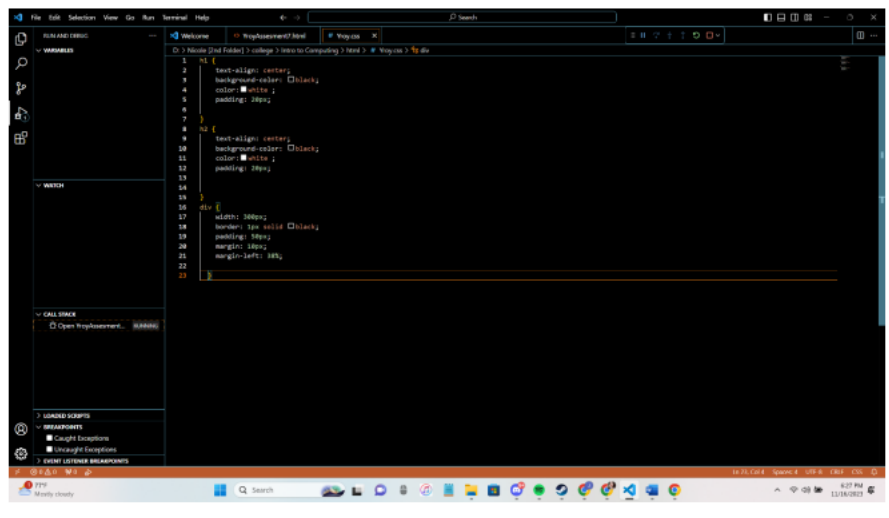


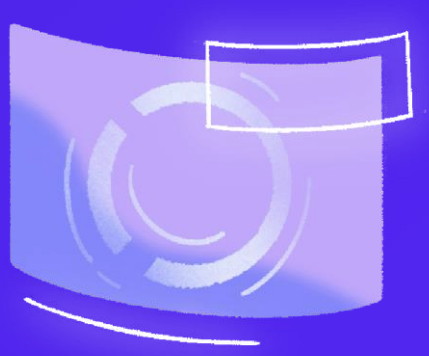
TECHNOLOGY TRIVIA

DO YOU KNOW?

IN 2020, THERE WERE OVER 2.7 BILLION GAMERS WORLDWIDE.

The gaming industry is a massive part of the entertainment industry, with millions of people worldwide playing video games. The rise of mobile gaming has made gaming even more accessible, with games available on smartphones and tablets.

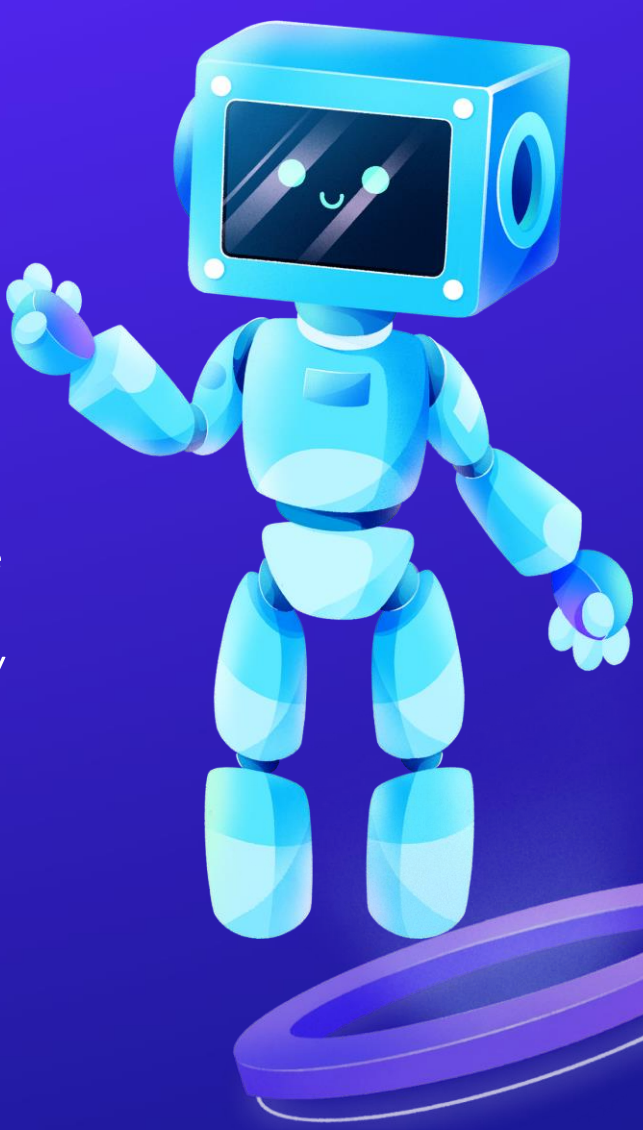
IN 2020, THERE WERE OVER 1.5 BILLION WEBSITES ON THE INTERNET.



"Tennis for Two" was a groundbreaking game that laid the foundation for modern video games. This fact highlights the evolution of gaming and technology's impact on entertainment.

IN 2020, OVER 306 BILLION EMAILS WERE SENT AND RECEIVED EACH DAY.

An email is a ubiquitous form of communication, and this fact highlights the massive scale of email usage. It also shows the importance of email as a communication tool and its role in personal and professional settings.

THE FIRST COMPUTER, KNOWN AS THE ENIAC, WEIGHED 30 TONS AND TOOK UP AN ENTIRE ROOM.

The ENIAC (Electronic Numerical Integrator and Computer) was built in the 1940s and was a massive breakthrough in computer science. Its size and weight starkly contrast with the small and powerful computers we have today, and it shows just how far technology has advanced in a relatively short amount of time.