



A+B: Good morning Principal, teachers and fellow schoolmates.. I'm Andy.  
I'm Hugo. We're from F.3E

A: (Naming the applications) NovelAI ... NightCafe ... Lyrebird ...  
Deepfacelab...

B: Andy, what are you talking about? Are these new AI applications ?

A: Right, Hugo. I am talking about Deepfacelab. It is the latest application software of A.I. It is a synthetic media in which a person in an existing image or video is replaced with someone else's likeness. There is another popular term you may know. It is called Deepfake. Deepfake creates a video with fake content. Some famous people are affected by Deepfake, such as Obama. Although the act of creating fake content is not new, Deepfake leverage powerful techniques from machine learning and A.I. manipulate or generate visual and audio content that can be more easily deceived.

B: Oh my god! Apart from making videos with fake content, what else can these apps do?

A: Do you know who Paul Walker is?

B: Of course! He is the actor in The Fast and The Furious. Unfortunately, he died in a car accident in 2013.

A: Yes, it's really sad. Since he died in the accident, some scenes that Paul played in the film are finished by using Deepfake. This shows one of the benefits of using the latest technology.



B: Oh, I remember you mentioned NovelAI. I know it is an application software that is used to create a novel. Users input a number of keywords, then the NovelAI generates a novel with those keywords. Most of the novels are perfectly created because no one can realise that they are written by computers.

A: Sounds fantastic ! Everyone can be a novelist. By the way, do you know what NightCafe is ?

B: An A.I. with a cafe? I am not quite sure.

A: Actually NightCafe is similar to NovelAI. It creates an image with keywords input by users. However, some of the images created are quite weird when some combinations of t keywords are entered.

B: It seems that it is very interesting. I still remember the third App is Lyrebird. A kind of bird?! Thinking in a logical way, multimedia includes texts, images, audios and videos, so it is about audios. Isn't it right?

A: You are so smart, Hugo! Yes, it is about creating audios using A.I. Lyrebird asks you to pronounce some words and then it analyses your voice and pronunciation. With the powerful A.I, BOOM – it can clone your voice and speak any words with your voice.

B: WOW! It means that A.I. can produce all types of multimedia. So amazing! However, it will be quite scary if everything I see on the internet is fake or created by A.I. ?



- A: Hugo, there is no absolute right or wrong in developing the latest technology. However, we should use computers in a proper way. So, you should spend more time in gaining computer knowledge.
- B: I see. A coin always has two sides. If you misuse the technology, it will bring a negative impact on all Mankind.
- A: That's the end of our sharing. Thank you.