1.What does it do?

-Cloud computing is the state-of-the-art technology that enables users to store and access information and computing services such as Dropbox, Google App Engine, and Amazon Web Services through the internet rather than their computer's hard drive. There are many types of cloud computing, including Software as a Service (SaaS), Platform as a Service (PaaS), and Infrastructure as a Service (IaaS). There are several modern kinds of cloud computing such as Platform as a Service (PaaS), Software as a Service (SaaS), and Infrastructure as a Service (IaaS). To be specific, SaaS, or Software as a Service, is a cloud computing model used for distributing software via the Internet as a service. It helps users to access a myriad of types of software over the Internet rather than installing those. Moreover, PaaS, or Platform as a Service is a method used by third-party suppliers in order to provide hardware and software tools to individuals through the Internet. Furthermore, IaaS, or Infrastructure as a Service, is a type of cloud computing service that offers essential computing, storing, and networking resources in order to meet the demand of users and rely on particular bases.

-There are many uses of cloud computing that can be seen at present. Firstly, it helps people to protect the storage of their personal data, information, secures their privacy, reduces administrative costs and expenditure. It may also keep data private and secure and prevent those from being stealing hackers and types of data stealers. Moreover, it also makes it easier for people to access many types of data in order to help them to save time and money. To be specific, the Pay-as-you-go model (PAYG), is a payment method for cloud computing that provides exactly as much data storage space as individuals need so that users do not have to pay for unnecessary space. Due to a survey implemented by Bitglass in 2015, half of all CIOs and IT leaders polled indicated cost savings as a result of utilizing cloud-based applications. Besides, cloud computing offers people more flexibility overall versus hosting on a local server. For example, if users want to have additional bandwidth, cloud-related services may fulfill that kind of demand immediately, instead of spending time and money in order to have costly and sophisticated updates to their IT infrastructure. Moreover, it enables people to share and corporate information and data through devices such as computers and smartphones to stay in touch with other individuals, clients, and co-workers. Furthermore, it helps organizations to quickly recover from all types of emergencies such as power outages and natural disasters like blizzards, earthquakes, and tsunami. According to a recent survey, 43% of IT managers plan to participate in or enhance cloud-based disaster recovery systems and solutions.

-There are numerous potential cloud computing uses that may turn into reality in the next three years. Firstly, it might assist AI systems in generating greater amounts of data and information, having better computations, and managing resources better in order to meet the demand of individuals. Some factors such as the development of AI tools and innovative software make this possible. Moreover, due to the improvement of specialist solutions like BetterCloud and Cloud Manager, cloud computing may help users to administer solution suites in more efficient ways. Furthermore, thanks to the advancement of cloud services and applications related to cyber security, cloud computing will allow people to have better security choices in the coming years. Last but not least, it can be utilized by individuals to create more private cloud infrastructure in order to prevent users from the security and financial risks of using the public cloud.

2.What is the likely impact?

-There are many possible positive impacts of cloud computing. For starters, it may make it easier for individuals to recover and restore data, which is a very time-consuming process. Moreover, it might also allow people who are located in different locations to rapidly and effortlessly collaborate and share information and data in a very convenient and secure environment. Lastly, it possibly helps individuals, even those who are working at remote locations to have quick and easy ways to store information and data in a variety of situations and locations, as well as access cloud services via an internet connection.

On the other hand, there are also numerous negative impacts of cloud computing. Firstly, users who use cloud services may be opened up to cybersecurity risks such as data leakage, data loss, and data theft. Besides, technical problems happened in the cloud can cause damage to users and enterprises. Last but not least, the growing number of people who use cloud services may cause bandwidth issues which might bring negative impact to users.

-In my opinion, all impacts above can be changed in the future due to the rapid changes in cloud computing and other technologies related to it.

-There are many people who are positively affected by that development. Firstly, individuals who are project managers with particular IT experience can be headhunted in order to create and manage tasks related to cloud-based project management. Furthermore, people who are software developers may be necessarily needed by IT companies to create, maintain and update software related to cloud computing. Lastly, that development might keep cloud computing providers employed because of the growing need to manage, create and control cloud-based software systems.

On the other hand, there are also numerous individuals who are negatively affected by that development. For starters, a variety of database administrators may become redundant because that development might reduce the need for database administrators. Moreover, many people whose job is help desk support specialists may become unemployed because of the development of cloud computing

-The advancement of cloud computing may create new jobs in the near future. However, it might make redundant and replace some jobs such as help desk support specialists and database administrators

3. **How will this affect you?**

-In my opinion, that development may affect a member of our team in different positive ways and make many things different for him. Firstly, it possibly assists him in protecting the storage of my personal data, information, and ensuring my privacy. Moreover, it also makes it easier for to access various sorts of data to save him time and money. Besides, it might allow him to share and corporate information and data through devices such as computers and smartphones to stay in touch with other people. Lastly, it may enable him to store data on the Internet via a cloud computing service. For example, if he want to upload a variety of kinds of data such as my documents, photos, and music, he might just use cloud computing providers like ShareFile, Flickr, and Dropbox in order to suit his needs.

On the other hand, that development may affect him in some negative ways. For starters, by using cloud services, my data can be stolen and leaked. Furthermore, he may have less control over how cloud services work and are executed within a cloud-based infrastructure.

-That development, in my opinion, may influence his friends and family in many different ways. For starters, it may help them collect more data and information, improve computations, and manage data and information better in order to fulfill their demand. Moreover, it might allow them to administer solution suites in more efficient ways. Furthermore, it can be utilized by them to collaborate and share information and data in numerous situations and locations. On the other hand, the rapid development above possibly makes older members of his family like his father, his mother, his grandfather, and his grandmother feels confused when they use cloud services so that they may become perfect targets for hackers and other kinds of data stealers.