**Slide 1 -What is the internet-**

The Internet is a vast network that connects computers all over the world. Through the Internet, people can share information and communicate from anywhere with an Internet connection.

**Slide 3 -Where internet come from?-**

-catatan buat presentasi nanti-

-Internet is everywhere, but still nowhere. It is on the phone, TV or computer. But where exactly it comes from? Then, let’s find out about it-

The most misinterpreted about how internet comes is the internet comes is by the satellite. The truth is, the data we receive on our phone, TV, or computer are not send by the satellite. Why we are not using satellite to transfer data? Because it’s useless, the bandwidth of a satellite is very limited and leads to long delays.

The data we receive is sent via cables that are found all over the globe. This cable is called fiber optic. The fiber optic cables all over the globe is under the seas and oceans. The cables are very thick to protect the optical fiber inside which is very fragile and sensitive.

**Slide 4 -How it works?-**

Any devices connected to the internet is identified by a unique group of numbers, called the IP address. The IP address Is given by our internet service providers. Also, the server where the data we want to access is stored also has an IP address.

Through the IP, the information has a sender and recipient. For example, if you want to access <https://www.youtube.com/> it also has an IP address, hidden under a domain name, to be easier to use.

From here, we meet DNS Server. It’s work like a phone book. Specifically, DNS associates a name for each website IP address in the world. From here, this data request that we made, is transmitted to the respective server.

The data flows through the fiber optic cable system in the form of light pulses and thus reach your router. From here, the data is transmitted by the router in the form of electrical signals via internet cable or Wi-Fi.