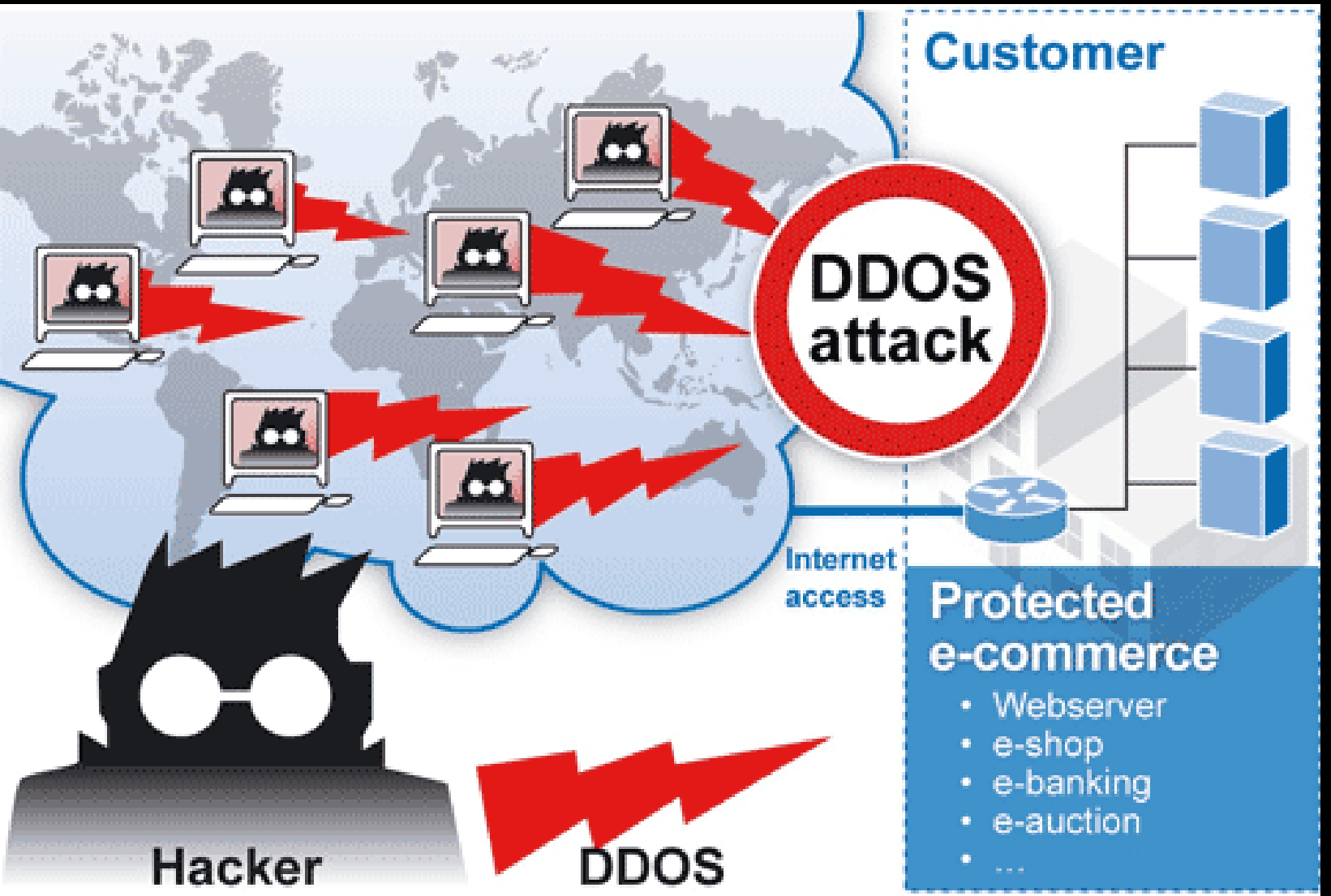
DOS Attack
Denial of Services Attack



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KaaShiv InfoTech

What we offer

Inplant Training

Internship Training

Domain Name System (DNS)

A Denial of Service (DoS) attack:

- DOS is an attack through which a person can,
  - Render a system unusable, or
  - Significantly slow it down for legitimate users, by overloading its resources

A Distributed Denial of Service (DDoS)

- On the Internet, a distributed denial-of-service (DDoS) attack is one in which a Multiple user request raised by multiple hackers or by a single user raising multiple request on a single target, thereby causing denial of service for users of the targeted system

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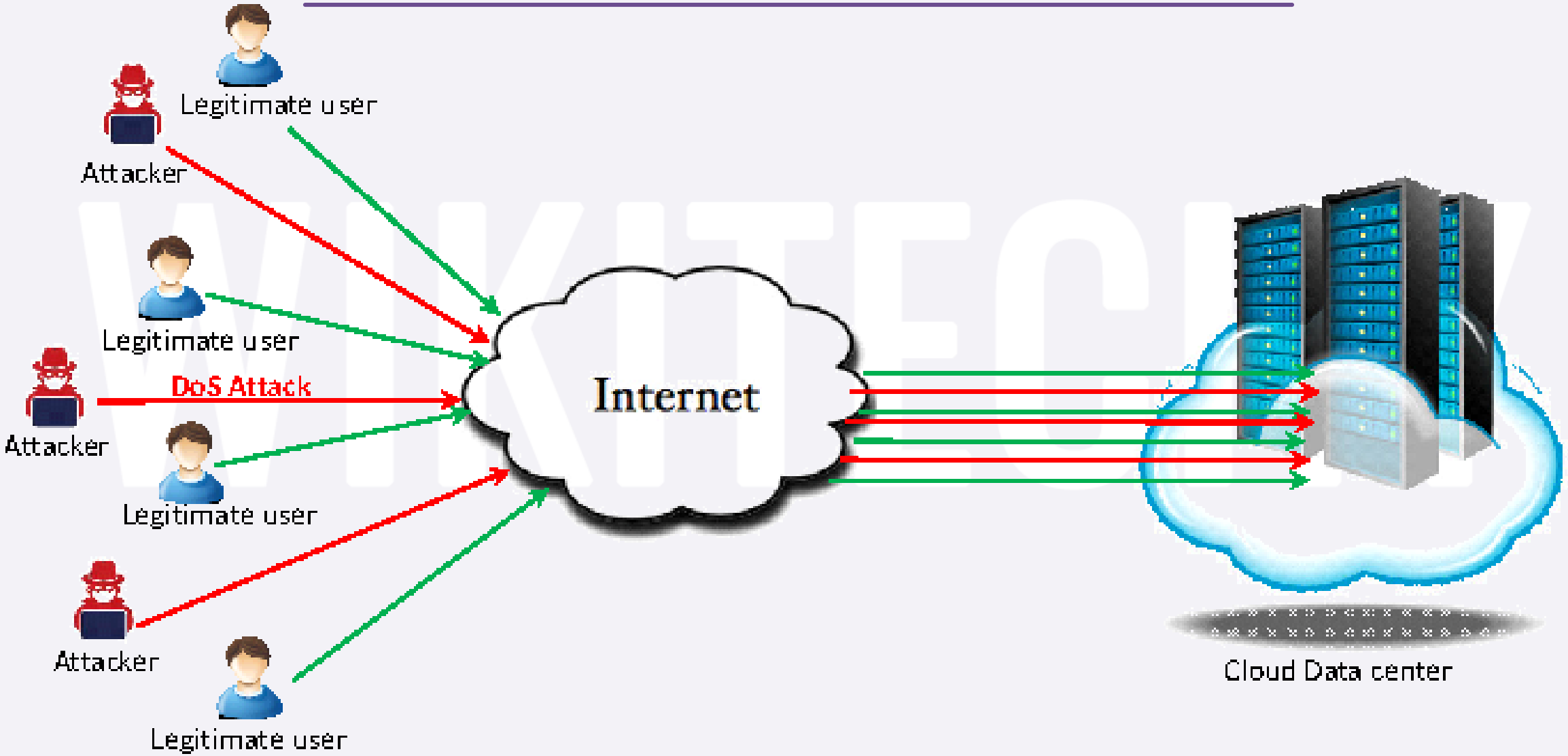
Domain Name System (DNS)



Goal of DoS - Domain Name System (DNS)

Main goal of DOS involves,

- Its not to gain unauthorized access to machines or data,
- But to prevent legitimate users of a service from using it

Attackers may:

- First step is to, attempt flooding the network, thereby preventing legitimate network traffic
- Second attempt to disrupt connections between two machines, thereby preventing access to a service given to the valid users.
- Specific user level attack – Hack attempt to prevent a particular individual from accessing a service. Exploiting a particular user.
- Work station focused attack – Hack attempt to disrupt service to a specific system or person

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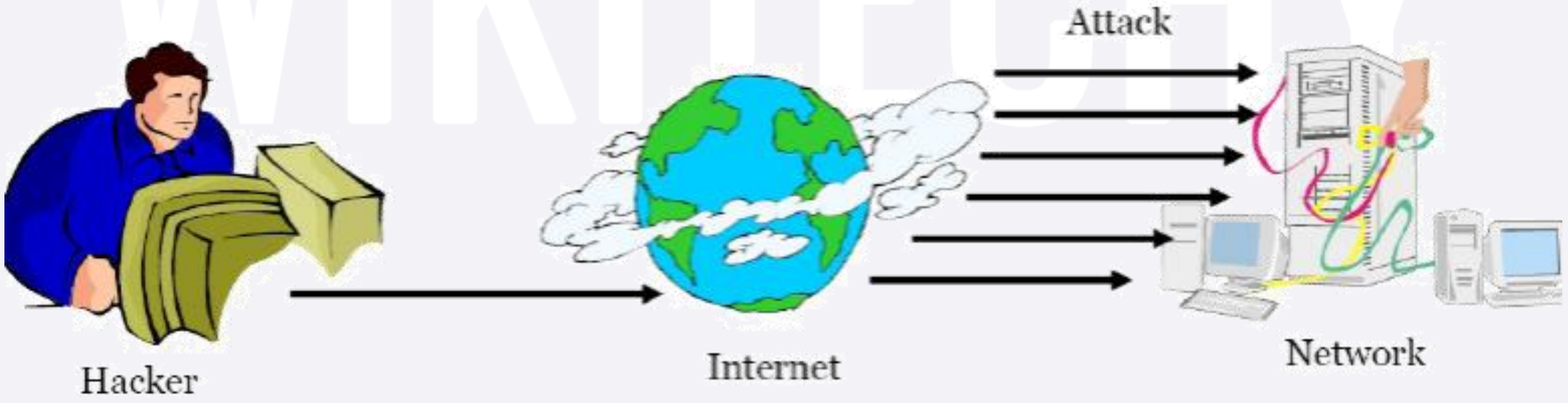
Types of DOS Attack

There are two types of attacks:

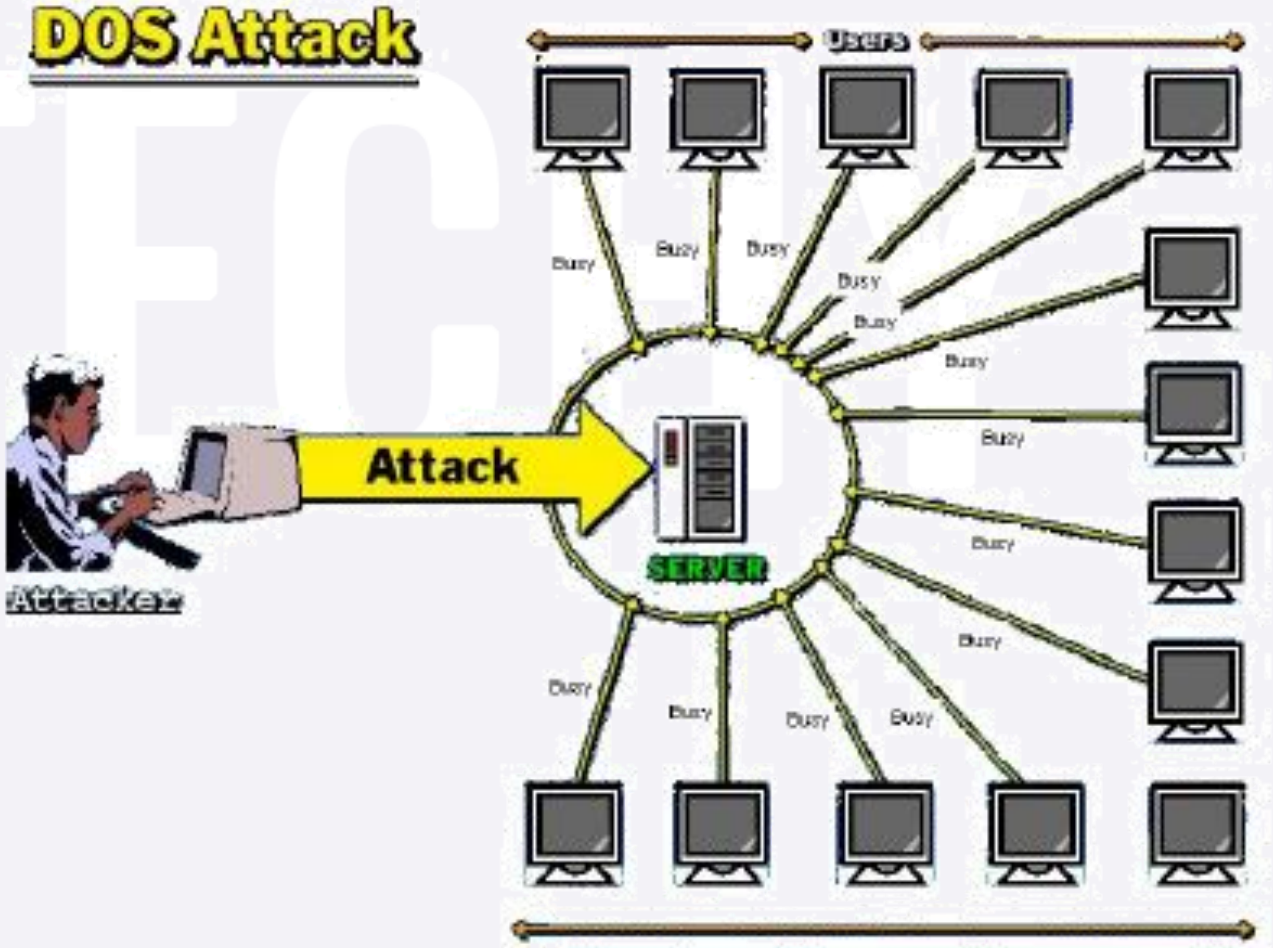
- DoS attack
- DDos attack : A type of attack on a network that is designed to bring the network down by flooding it with data packets



DOS Attack Categories – Technical Classification

DOS attacks are divided into three classes:

- bandwidth attacks,
- protocol attacks, and
- logic attacks.



DOS Attack Classification - Styles

DOS attacks Styles are divided into,

- Smurf
- Buffer Overflow Attack
- Ping of death
- Teardrop
- SYN Attack

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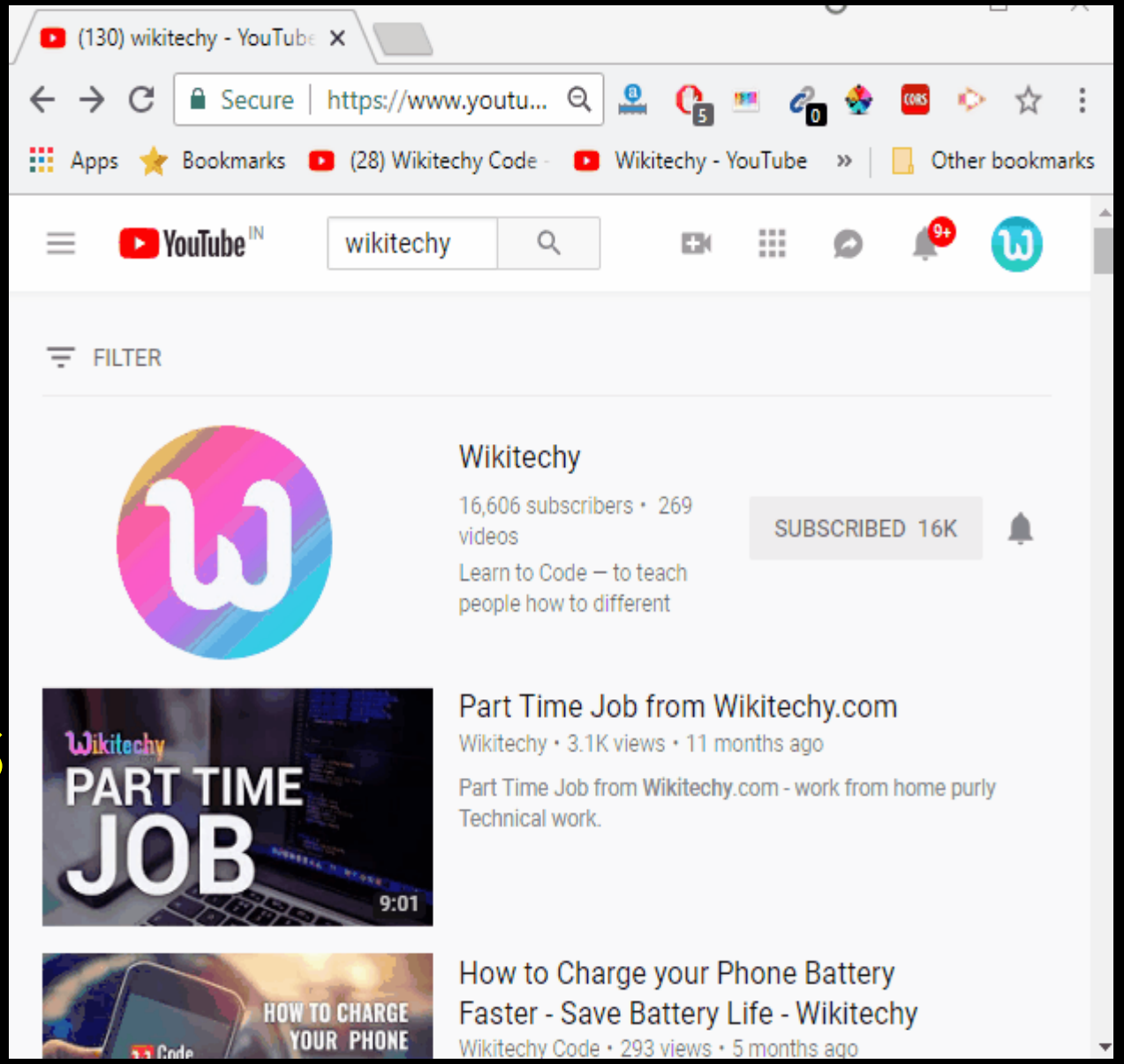

THANK YOU

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