default VIAN: VLAN 1 will be default VLAN.

If we haven't assign any specific VLAN for
any acress port, then those ports by default
belongs to VLAN 1.

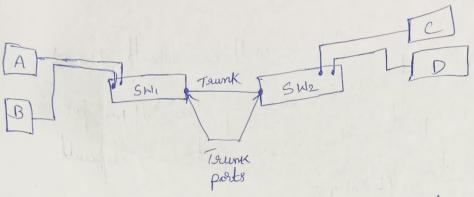
→ We Cannot Chounge the default VLAN

→ We Cannot even del delete the default VLAN.

→ It's default Settings is VLAN 1.

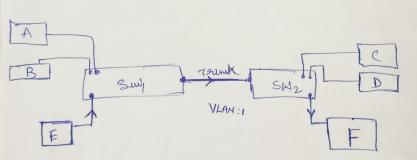
2) VLAN 1 is never intended to be used as a Standard data VLAN.

NATIVE VLAN:



- on a the 802.19 townk without a NLAN kag.
- The austine VLAN and management VLAN Could be the Same, but a good security practice is they are not.
- The By default Matine VLAN is VLAN 1, but we can change it to any number.
- -> It can be Configured on the townk port.
- -> Best Security practice is to Change the natione.

 VLAN 1 to other VLAN.



In this case E & F are added newly as there is no VLAN assignment, E & F belongs to Notine VLAN, So, when device "E" is Sending a packet for to device "F" the data will be flowing through the town without VLAN Tag.

Why NATINE VLAN:

- (1) Matine VLAN is one concept defined in 802.19.
 Standard & that are created for backwood Compatibility with old devices that does not Support VLAN'S
- * on an Ethornet network, all devices on the link must be Capable of Communicating even if they do not speak the 802. In protocol.
- Desific Control of management protocal traffic like.

 Ciseo discoursey protocal (CDP), VLAN townking protocal (VTP), Spanning tour protocal (STP)

 or Some other network management toughties.
 - * This type of Control troffic does not need any VLAN tag to Goss over the Arunk.
 - The idea behind the native VLAN is that some network traffic still flows over the whole Suitched network, even when townk or trunking fails.
- The reative VLAN is also useful when we deal with voice over I.P. D. VoIP.

EX: A Matine VLAN Example VLANIO Jaunk + A & B are in VLAN 10. +A&B expects untagged touffic. > VoIP, & VoIPs Sends & Expects Lagged touther. -> mon makine VLAN is used in this situation. if we Configure VLANIO as Matine VLANIO then, which means data touffice from would toward without any VLAN tag. Data flow from host: A:B untagged untagged Data/vaice flow from host VoIP_ > VoIP_ tagged