# **Requirements for competition**

Every competitors should have a knowledge and skills

* How to maintain a document in English about all the work that has been done
* how to build a computer system with Operating System installed on it
  + - build a working computer device from the parts.
    - install two operating systems as a dual boot in one hard drive. The operating systems are Windows 10 and Linux Mint 18.3.
    - install software and device drivers for both Operating Systems
    - check proper computer security (firewall, anti-virus, etc.)
* how to configure LAN and WLAN using a wireless router
* to connect and configure a wireless router
  + - Connection to internet
    - Local network
    - WLAN with encryption
    - Checking for proper security of configuration
* how to connect and configure a network printer and test it.
  + - printer, drivers, paper, cable
* how to make network folders shared between computers.
* how to solve problem on a non-working computer
  + - What is wrong? Fix it.
* how to connect computer to internet using LAN you configured