Setting up " Xcos-on-cloud" on local system is divided in two parts, which are as follows:

Part 1 : Steps to build Scilab- 5.5.2 on Ubuntu 16.04:

- Open the "`Software & Updates`" utility of Ubuntu system. Under "`Ubuntu Software`", check (enable) the "`Source code`" option. Close to save the settings.
- Update the system and install the dependencies using:
  ```
  $ sudo apt-get update
  $ sudo apt-get upgrade
  $ sudo apt-get build-dep scilab
  $ sudo apt-get install libgfortran3
  ```
- Download Scilab source folder from github : https://github.com/FOSSEE/scilab_for_xcos_on_cloud
- Extract `scilab_for_xcos_on_cloud`, navigate through terminal inside that folder
- Configure using :
  ```
  $ ./configure --disable-static-system-lib
  ```
- Make using :
  ```
  $ make -j4
  ```
- Now run scilab using :
  ```
  $ ./bin/scilab
  ```

Part 2 : Installing Other Requirements and Running Xcos_on_cloud :

- Open terminal and type these commands:
  ```
  $ sudo apt-get install python3-bs4 python3-flask python3-gevent
  $ sudo apt-get python3-pip
  $ pip3 install flask-session
  ```
- Download xcos_on_cloud project from github : https://github.com/FOSSEE/xcos_on_cloud
- Extract `xcos_on_cloud`, navigate through terminal inside that folder
- Edit `SendLog.py` and update the value of the `SCIDIR` variable to the path of the extracted `scilab_for_xcos_on_cloud`.
- Type command :
  ```
  $ make
  ```
- And type command :
  ```
  $ python3 SendLog.py
  ```
- Then open browser and type : http://127.0.0.1:8001/
- This will open xcos on cloud in browser.