Installing Debian Linux inside Windows using VirtualBox

Download VirtualBox: https://www.virtualbox.org/wiki/Downloads

Download Debian netinstall non-free firmware image:

https://cdimage.debian.org/images/unofficial/non-free/images-including-firmware/current/multi-arch/iso-cd/

You may use Google to find help:

http://www.google.fi/search?q=how+to+install+debian+on+a+virtualbox

Some notes about installation:

1. Install VirtualBox and create new virtual machine.
    For virtual machine:
    - 2048 MB RAM memory
    - 20.00 GB disk size

2. If you see black screen when booting Debian Installation media:
    → Make sure Virtualization is enabled in BIOS.
    → Generic instructions on the matter:
    https://helpdeskgeek.com/how-to/enable-virtualization-in-the-bios/

3. Settings:
    - Leave "domain name" empty.
    - Leave root password empty. This will make the first user able to use sudo to do administrative tasks.
    - For virtual machine, use "Guided – use all disk" and "All files in one partition".

4. Software selection:
    → Unselect "Debian Desktop environment" and "print server".
    → Select "LXDE". Keep "standard system utilities"

    (If you have set the root password in step 3, after installation has finished:
    →Install sudo by running command: apt-get install sudo
    →Add your username to sudoers group in /etc/group by running command: adduser username sudoers
    →You then need to log out and then log in again to get it working.)

5. Installing Guest Additions (ONLY for virtual machines)
    → Select from Virtualbox menu Devices→Insert Guest Additions CD image.
    → Run (in terminal): sudo apt-get install build-essential linux-headers-686
    → Change to the mounted CD-rom directory: cd /media/cdrom0
    → Run: sudo sh VBoxLin*
    → If CD-ROM is not mounted, run: sudo mount /dev/sr0 /mnt
    → Then: cd /mnt ; sudo sh VBoxLin*
    → Reboot your virtual machine