Hooking your laptop computer to your HDTV using VGA out.

**List of materials:**
- Laptop computer
- HDTV
- VGA cable
- 3.5mm stereo cable

**VGA** - Video Graphics Array. Most laptop computers will have one of these.

If your HD TV has a VGA input (sometimes it's call a RGB PC input) you can hook it up to your laptop using a VGA cable.

Connect the cable to your laptop computer's VGA output and your TV's VGA or RGB PC input. VGA cables come in various lengths so select one that will easily reach from your laptop to the TV.

To play your laptop's audio through the TV use a 3.5mm stereo cable. Plug it into your laptop's speaker out and into the PC audio in next to the VGA or RGB PC input on the HD TV.
Plug the VGA cable into your laptop's VGA output and into your HD TV's VGA or RGB/PC input. Set the TV to the VGA or RGB/PC input and turn on the laptop.

On many laptops if you reboot with a video output cable plugged in, the computer will detect the TV and output to it automatically. Otherwise every laptop will some method of changing the display device using either a control panel or a function key combination. Consult your laptops user's guide to find the proper method.

Laptop computers give you a number of options for setting a TV to be the display. Depending on what you want to do, you can make your TV the primary display or you can use it as a secondary display to extend your desktop. Most laptops will allow you to set the TV to be used in one of three ways:

1. As a clone of your laptop's display.
2. As the primary display. Your laptop's display will be off.
3. As a secondary display. Your desktop will enlarge to include the TV as a second display.

If your goal is to play games or watch movies than you will want to make the TV a clone of you laptop's display or as your primary display, many games will not play properly on a second display.

Depending on your HD TV and your laptop you will be able to set either a 720 or 1080 resolution. Consult the manuals that came with your computer and HD TV to set it to the optimal resolution.