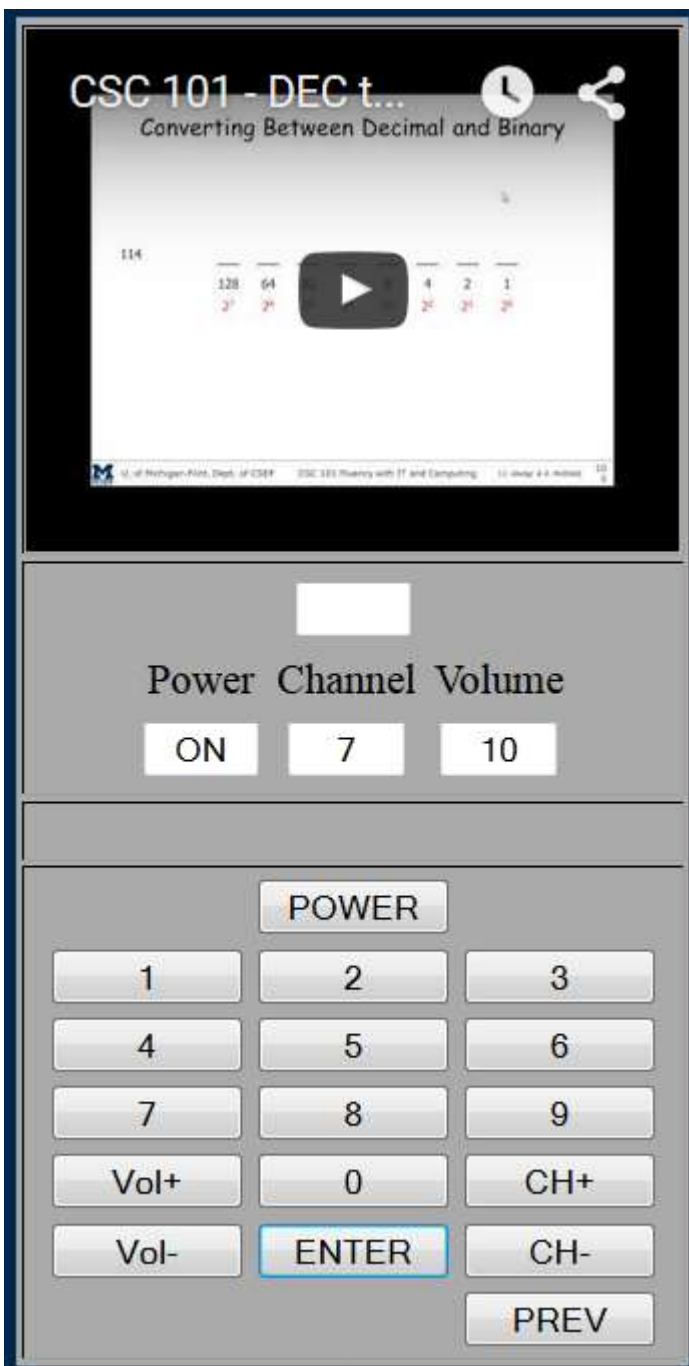


## YouTube Media Controller

### Instructions

In this assignment you will be working with a partner of your choosing to create a dynamic web page that will use a remote control style interface like the one shown below. The web page will combine HTML, CSS, and JavaScript to build a media controller that selects various YouTube videos. The videos should have some relationship or related subject matter such as music videos or a hobby that your team decides on as the theme.



Video display area for YouTube video

Control Status Panel showing power on/off, channel number of current video, pre-channel number being selected, and the volume setting.

Matrix of buttons to control power, numeric buttons to select channels, enter button to choose pre-channel, channel up and down buttons to move sequentially between channels, volume up and down, and a previous channel to return to last channel selected.

The controller must meet the following additional criteria:

1. When power is off the video screen are will display be blacked out
2. No functions operate when the power is off.
3. Channels 01-05 will be menus of the videos with their channel numbers
4. Channels 06-25 will be 20 different related videos

After fully testing your web page for required function, upload it to each teammate's H: drive homepage folder and publish the page to the UM-Flint web server.

Points	Task
20	Power button functions as required (blacked out screen and no channel control when off)
20	Channels 01-05 provide menu of videos
20	Channel selection works correctly
20	Channel up and down work correctly
20	Previous channel function works correctly
<b>100</b>	<b>Total</b>