

Creative Coding  
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Final Project Documentation

My final project is an interactive piece that allows users to read what happened around the world when they were born and select keywords to create collage representation of themselves. It incorporates the NY Times API and the Giphy API. Users can say their birthday and the screen will display headlines from the NY Times archive from that day. Users can read the headlines and say keywords that they like from the headlines, which get put through the Giphy API. At the end, the website displays a collage of gifs and keywords that represent the user. The piece uses the p5.speech library to get user inputs and uses regular expressions to sort the information that is passed through.

```
var regX = /\d/; //looks for digits
var regXFin = /\b(\w*I'mfinished\w*)\b/; //
```

Figuring out how to use regular expressions

```
if (regX.test(date)) { //if what user said is numbers
  var url = nytBase + date + nyt2 + date + nytKey;
  loadJSON(url, headlines); //loads from url based
} else if (regXFin.test(date)) { //if what user said
  for (var i=0; i < word.length; i++){
    var gifUrl = gifBase + word[i]; //uses input
    loadJSON(gifUrl, gifs); //loads from giphy ur
    listen.continuous = false; //doesnt work
  }
} else { //if user is saying anything else, counts as
  word.push(date); //add to words array
  console.log(word);
  for (var i=0; i < word.length; i++){
    var gifUrl = gifBase + word[i]; //makes compl
```

Using user inputs as part of API URL

```
var day = listen.resultString; //re
var date = day.replace(/\s/g, "");
//console.log(date);
createElement('h4', date); //displa
daet.push(date); //adds date value
```

Using the p5.speech library and constantly adding to an array of words