**Lab Assignment 3**

**Task 1**

**YouTube API:**

Video Search Application which displays the videos based on keyword given by user using You Tube Data API(<https://developers.google.com/youtube/v3/>). It displays the top five videos related to searched topic.

Generated You Tube API key using (<https://code.google.com/apis/console>)

**You Tube API key:** AIzaSyCcrAQaKeQe6q7SYY2CqdqZUlSEXaMFIn0

**You Tube Application:**

A screenshot of a computer

Description generated with very high confidence

‘UMKC’ keyword is given in the search box. It displays the top 5 videos.

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Description generated with very high confidence

Kansas City keyword is given in the search box.

**Code Snippet:**

Application is developed using HTML, CSS & AngularJS

**JavaScript code:**

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Description generated with very high confidence**

* Get the API <https://www.googleapis.com/youtube/v3/search?q='+x+'&part=snippet&type=video&key=AIzaSyCcrAQaKeQe6q7SYY2CqdqZUlSEXaMFIn0> using $http.get(), ‘x’ is the keyword given by the user in the browser.
* “data.items” is the data used to repeat using ng-repeat directive.
* Data has ‘videoId’ and it is embedded in <http://www.youtube.com/embed/> and printed the videos based on keyword.

**HTML code:**

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**Task 2:**

**Twitter Friend List:**

Generated the twitter keys and Consumer Secret:

Consumer Key (API Key): Ked0sPpkLwr4OUg2vJpxDEVWy

Consumer Secret (API Secret): syLUqtssCZ8cAJxBRYmKLFyXXbCCoJ7ieamqevfRr49xPmsj5u

Using consumer keys and consumer secret, bearer key is generated by encoding. Below is code snippet to generate the bearer key.A screenshot of a social media post

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**Bearer key:** AAAAAAAAAAAAAAAAAAAAACT94gAAAAAA0LKd4PbcKFUcqiCDjpSsrTY%2BrCU%3DkAF9tjOBQmerwgs2umcjWMWPXVZ9fMwlegahRKt548fXjEQqv1

Below is the code snippet to get the friend list in JSON using bearer key.

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Description generated with very high confidence

A screenshot of a computer

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