**Team ASR**

**IBM Use Case – Image Detection**

**Working**

In order to run the code, make sure you have the following python libraries installed in your computer.

* Opencv
* Numpy
* Pyttsx3
* Webcolors

The code runs on live streaming (webcam) and also on local stored video (mp4).

The code takes multiple images to run. Following are the main images needed.

* CONST\_DETECTION => takes the input which has to be detected and tracked
* CONST\_VIDEO => takes the video for input
* CONST\_RANGE =>take basic HSV colors for reference

In order to make the references of HSV press the R key to open the GUI for choosing HSV ranges.

Press Q for closing the windows.

**Output**

Red Box => Possible solution

Blue Box => Real Solution