Description:

Input:

Taking 2 argument:

- “root\_dir” as a root directory to start traversing

- “keyword” as a regular expression for example ( “^[a-zA-Z]+\_TESTResult.\*” ) to detect a file contains a string of interest

Functionality:

Script should recursively walk the “root\_dir” and detect all the files under that dir that contain “keyword”.

For each subdir, script should count the number of file that contain “keyword”.

All results should be saved in a key:value array with key being subdir string, and value being counts of file containing “keyword” in this subdir.

Output:

A output array of all the data, for example {’a/b’: 6, ’a/b/c’: 7, ‘/a/b/c/d’:0}.

An output graph with a plot with X as subdir name string, Y as count values.

OUTPUT:





