**Day-6**

# Python program to Swap Keys and Values in Dictionary.

# Write program to implement Selection sort.

# Write program to implement Insertion sort.

# Given a nested list extend it with adding sub list ["h", "i", "j"] in a such a way that it will look like the following list.

# Given list: list1 = ["a", "b", ["c", ["d", "e", ["f", "g"], "k"], "l"], "m", "n"]

# Sub List to be added = ["h", "i", "j"]

# Expected output:-

# ['a', 'b', ['c', ['d', 'e', ['f', 'g', 'h', 'i', 'j'], 'k'], 'l'], 'm', 'n']

# Access the value of key “history”

# sampleDict = {

# "class":{

# "student":{

# "name":"Mike",

# "marks":{

# "physics":70,

# "history":80

# }

# }

# }

# }

# Expected output: 80