```
def findPrimePath(graph):
    simplePath = [[i] for i in range(len(graph))]
    primePath = []
    tempPath = []
    tpcirclePath = []

    while len(simplePath) != 0 :
        for x in simplePath:
            if len(graph[x[-1]]) == 0:
                tempPath.append(x)
        simplePath = [f for f in simplePath if len(graph[f[-1]]) != 0]
        csize = len(simplePath)
        for i in range(csize):
            temp = graph[simplePath[i][-1]]
            copySp = copy.deepcopy(simplePath[i])
            if temp[0] == simplePath[i][0]:
                simplePath[i].append(temp[0])
                primePath.append(simplePath[i])
                tpcirclePath.append(simplePath[i])
                simplePath[i] = []
            elif temp[0] in simplePath[i]:
                tempPath.append(simplePath[i])
                simplePath[i] = []
            else:
                simplePath[i].append(temp[0])
            for j in range(1, len(temp)):
                if temp[j] == copySp[0]:
                    depcopysp = copy.deepcopy(copySp)
                    depcopysp.append(temp[j])
                    primePath.append(depcopysp)
                    tpcirclePath.append(depcopysp)
                elif temp[j] in copySp:
                    tempPath.append(copySp)
                else:
                    depcopysp = copy.deepcopy(copySp)
                    depcopysp.append(temp[j])
                    simplePath.append(depcopysp)
        simplePath = [f for f in simplePath if len(f) != 0]
        checkRepeat(tempPath,simplePath,tpcirclePath,primePath)
        tempPath = []
        tpcirclePath = []
    return primePath
```