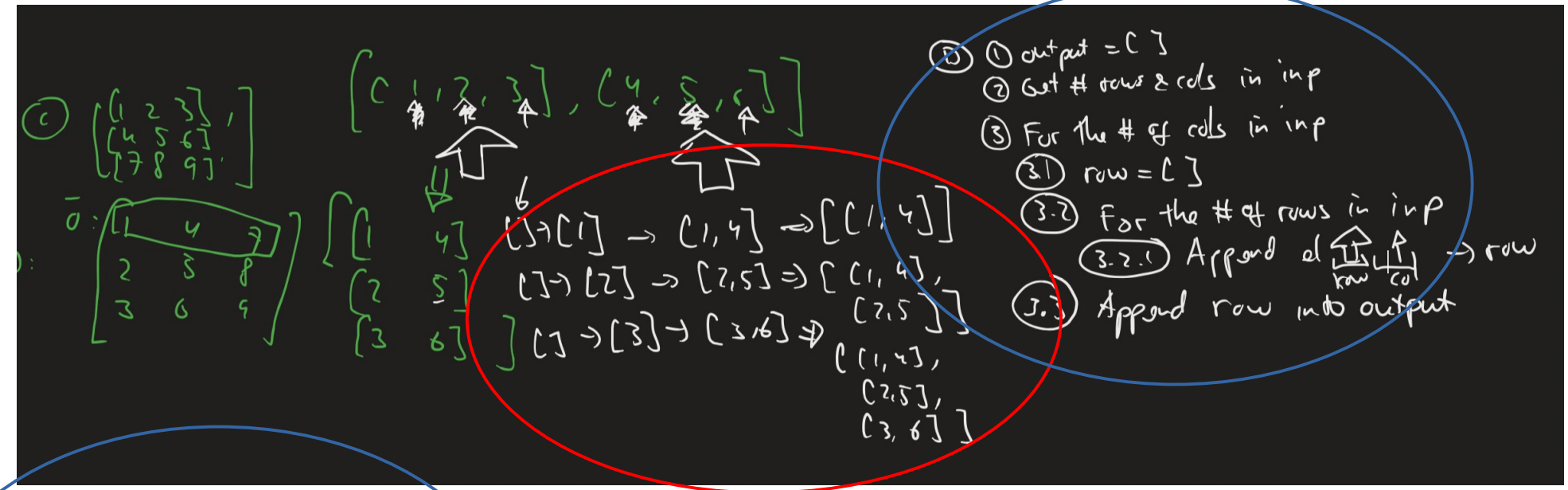


```
def transpose_matrix(m):
    output = []
    nrows = len(m)
    ncols = len(m[0])
    for small_arrow in range(ncols):
        row = []
        for big_arrow in range(nrows):
            row.append(m[big_arrow][small_arrow])
            print(row)
        output.append(row)
        print(output)
    return output

print(transpose_matrix([[1,2,3],[4,5,6]]))
```

Output of print statement

```
[1]
[1, 4]
[[1, 4]]
[2]
[2, 5]
[[1, 4], [2, 5]]
[3]
[3, 6]
[[1, 4], [2, 5], [3, 6]]
[[1, 4], [2, 5], [3, 6]]
```