

Experiment 5: Write a program to reverse every Kth row in a matrix.

CODE:

```
test_list=[[5,3,2],[8,6,3],[3,5,2],[3,6],[3,7,4],[2,9]]

print("The original list is:" + str(test_list))

k=int(input("Enter the row value want to reverse:"))

res=[]

for idx,ele in enumerate(test_list):

    if(idx+1)%k==0:

        res.append(list(reversed(ele)))

    else:

        res.append(ele)

print("After reversing tevery Kth row:" + str(res))
```

OUTPUT:

```
The original list is : [[5, 3, 2], [8, 6, 3], [3, 5, 2], [3, 6], [3, 7, 4], [2, 9]]
Enter the row value want to reverse : 2
After reversing every Kth row :
[5, 3, 2]
[3, 6, 8]
[3, 5, 2]
[6, 3]
[3, 7, 4]
[9, 2]
```