

Experiment5: 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:

```
----- ASSISTANT: C:\Users\vaishanx\Downloads\Experiment5.py -----
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 tevery Kth row:[[5, 3, 2], [3, 6, 8], [3, 5, 2], [6, 3], [3, 7, 4], [9, 2]]
>>>
```