EXPERIMENT-5

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Course: CSA1789 Artificial Intelligence

Q) Write a python program to implement List operations (Nested List, Length, Concatenation, Membership, Iteration, Indexing and Slicing)

Program:

```
print("List operation")

11=[1,2,3,4]

12=[5,6,7,8]

print("Nested list:",[11,12])

print("length of list 1:",len(11))

print("Concatenation",11+12)

print("Membership of 1 in list 1: ",(1 in 11))

print("Iteration: ",11*3)

print("3rd index element in 11: ",11[3])

print("slicing: ",11[2:])
```

Output:

