

18CSC304J Compiler Design Lab

Ex 13.

**Implement any one storage allocation
strategies(heap, stack, static)**

Submitted To:-

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CODE:-

```
stack = []

# append() function to push element in the stack
print("Enter Number/Alphabets for the Stack to push : ")
for x in range(0,5):
    d=input()
    stack.append(d)
#stack.append('b')

print('\nInitial stack')
print(stack)

# pop() function to pop element from stack in LIFO order
print('\nElements popped from stack:')
print(stack.pop())
print(stack.pop())
print(stack.pop())

print('\nStack after elements are popped:')
print(stack)
```

OUTPUT:-

```
Enter Number/Alphabets for the Stack to push :
a
1
e
4
g

Initial stack
['a', '1', 'e', '4', 'g']

Elements popped from stack:
g
4
e

Stack after elements are popped:
['a', '1']
```