**yoSET – 2**

**Regular Programs**

# 9. The Captain's Room

k = int(input()) rooms = //insert your code here… seen = {}

for i in rooms: //insert your code here… for key, val in seen.items(): //insert your code here…

# 10. Time Delta

//insert your code here… if \_\_name\_\_ == '\_\_main\_\_':

t = int(input()) for \_ in range(t):

//insert your code here…

# 11. Map and Lambda Function

cube = //insert lambda function code here…

def fibonacci(n):

//insert your code here…

if \_\_name\_\_ == '\_\_main\_\_':

n = int(input())

print(list(map(cube, fibonacci(n))))

# 12. Validating Credit Card Numbers

import re

n = int(input())

//insert your code here…

for i in range(n): s = input()

//insert your code here…

# 13. Climbing stairs

class Solution:

//insert your code here…

if \_\_name\_\_ == "\_\_main\_\_":

n = int (input()) result = Solution().climbStairs(n)

print result

# 14. House Robber

class Solution: def rob(self, nums): //insert your code here… nums=[1,2,3,1] print(Solution().rob(nums))

**15. Longest Palindromic subsequence**

class Solution: def longestPalindromeSubseq(self, s):

def dp(i, j):

//insert your code here… return dp(0, len(s) - 1)

s = input()

Solution().longestPalindromeSubseq(s)

**Additional Programs**

# 6. ginortS

S = input()

def s(x):

//insert your code here…

//insert your code here…

print(\*sorted(S, key=s), sep='')

1. **Text wrap**

1. **Piling Up**

import sys

def test\_cubes(cubes):

t\_cube = 0

if cubes[0] > cubes[len(cubes)-1]:

t\_cube = cubes[0] cubes.pop(0) else:

t\_cube = cubes[len(cubes)-1] cubes.pop(len(cubes)-1)

while len(cubes) > 0:

num\_of\_tests = input()

num\_of\_tests = int(num\_of\_tests)

//insert your code here…

return "Yes"

for i in range(0, num\_of\_tests): input()

cubes = list(map(int, input().split(' '))) print(test\_cubes(cubes))