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Assignment 1 genetic algorithms

# Code

n = input(*"Enter number of elements of your set of characters: "*)

n = int(n)

domain = []

print(*"Enter your set of characters: "*)

for i in range(n):

domain.append(input())

result = []

def **BackTrack** (domain, n, letter ):

if not (n>0):

if letter not in result:

result.append(letter)

letter = *' '*

return result

for i in domain:

combination = i + letter

BackTrack(domain, n-1, combination)

return result

def **BackTrack\_Search**(domain):

return BackTrack(domain, n,*''*)

print(BackTrack\_Search(domain))

# outputs

