txt='archana'

index=0

for i in txt:

print("message [",index,"] = ",i)

index+=1

txt='the nun'

print(txt.title())

txt='DONKEY'

print(txt.lower())

txt='donkey'

print(txt.upper())

txt='8'

print(txt.zfill(4))

n=int(input())

s=0

while(n!=0):

r=n%10

s=s+(r\*r\*r)

n=n//10

if s==n:

print("armstrong")

else:

print("not armstrong")

txt='archana'

print(txt)

print(txt[1:5])

print(txt[:6])

print(txt[:])

print(txt[-4])

txt='archana'

print(txt[::-1])

txt='india'

print(txt[::3])

txt=' hi students '

print(txt.lstrip())

ch='a'

print(ord(ch))

print(chr(115))

txt1='india is great'

txt2='is'

if txt2 in txt1:

print("found")

else:

print("not found")

txt='glucose'

print(max(txt))

print(min(txt))

txt1='india is my country'

for i in txt1:

print(i,end=" ")

txt='india is my country'

i=0

while i<len(txt):

letter=txt[i]

print(letter,end=" ")

i+=1

txt='sa sa sa sa'

print(txt.replace('s','p'))

n=int(input())

for i in range(1,n+1):

ch='A'

print()

for j in range(1,i+1):

print(ch,end=" ")

ch=chr(ord(ch)+1)

message="danger"

i=0

while i<len(message):

letter=message[i]

print(chr(ord(letter)+2),end="")

i+=1

List=[1,2,3,4,5,6,7,8,9,10]

print(List)

print(List[1])

print(List[2:5])

print(List[::2])

print(List[1::3])

List[5]=100

print(List)

List.append(200)

print(List)

txt='Donkey And Monkey'

print(txt.swapcase())

txt='abc,def,ghi,jkl'

print(txt.split(','))

print('-'.join(['abc','def','ghi','jkl']))

txt='my name is sreya'

print(list(enumerate(txt)))

txt='jamesbond007'

print(txt.isalnum())

print(txt.isalpha())

print(txt.isnumeric())

print(txt.isdigit())

print(txt.islower())

print(txt.isupper())

txt=' '

print(txt.isspace())

txt=""

print(txt.isspace())

txt='sreya'

print(len(txt))

txt='sr eya'

print(len(txt))

txt="sreya"

print(txt.ljust(10,'\*'))

print(txt.rjust(10,'\*'))

print(txt.center(10,'$'))

print(txt.capitalize())