**DP PROGRAMS 3(20.06.24)**

**1.WORD BREAK**

def word\_break(s,string):

n=len(s)

dp=[False]\*(n+1)

dp[0]=True

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

for j in range (i):

if dp[j] and s[j:i] in string:

dp[i]=True

break

return dp

s="stringinstring"

string=['string','in','string']

print(word\_break(s,string))

