

```
s = "abcd"
def combinations(a, s1=''):
    if len(a) == 0:
        print(s1)
    else:
        for i in range(len(a)):
            combinations(a[:i] + a[i+1:], s1 + a[i])
combinations(s)
```

abcd
abdc
acbd
acdb
adbc
adcb
bacd
badc
bcad
bcda
bdac
bdca
cabd
cadb
cbad
cbda
cdab
cdba

Saved successfully!



dbca
dcab
dcba

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✓ 0s completed at 9:32 AM

