

In []: Binomial coefficient

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In [9]: def binocoeff(n, k):
        C=[[0 for _ in range(k+1)] for _ in range(n+1)]
        for i in range(n+1):
            for j in range(min(i, k)+1):
                if j==0 or j==i:
                    C[i][j]=1
                else:
                    C[i][j]=C[i-1][j-1]+C[i-1][j]
        return C[n][k]
n=4
k=2
print(binocoeff(n, k))
```

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In [11]: def word_wrap(words, max_width):
        lines=[]
        current_line=[]
        current_length=0
        for word in words:
            if current_length+len(word)+len(current_line)>max_width:
                lines.append(' '.join(current_line))
                current_line=[word]
                current_length=len(word)
            else:
                current_line.append(word)
                current_length+=len(word)
        if current_line:
            lines.append(' '.join(current_line))
        return lines
words="This is an apple".split()
max_width=10
wrap_text=word_wrap(words, max_width)
for line in wrapped_text:
    print(line)
```

This is an
apple

```
In [1]: import textwrap
value= """I AM A CSE STUDENT LOVE CODING"""
wrapper=textwrap.TextWrapper(width=10)
word_list=wrapper.wrap(text=value)
for element in word_list:
    print(element)
```

I AM A CSE
STUDENT
LOVE
CODING

In []: