

LAB DAY-11

1.Word Wrap Function:

```
import textwrap
text = ""
wrapdtext = textwrap.wrap(text, width=50)
for line in wrapdtext:
    print(line)
wrapdtextstr = "\n".join(wrapdtext)
print(wrapdtextstr)

import textwrap

text = input("Enter the text you want to wrap: ")
while True:
    try:
        width = int(input("Enter the width to wrap the text: "))
        break
    except ValueError:
        print("Please enter a valid number for the width.")
wrap = textwrap.wrap(text, width=width)
print("\nWrapped text:")
for line in wrap:
    print(line)
wrapped = "\n".join(wrap)
print("\nJoined wrapped text:\n" + wrapped)
```

2.Binomial Coefficient Function:

```
import math

def binomial (n, k):
    if k < 0 or k > n:
        return 0
    return math.factorial(n) // (math.factorial(k) * math.factorial(n - k))

n = 5
k = 2
print(f"Binomial coefficient C({n}, {k}) = {binomial (n, k)}")
```