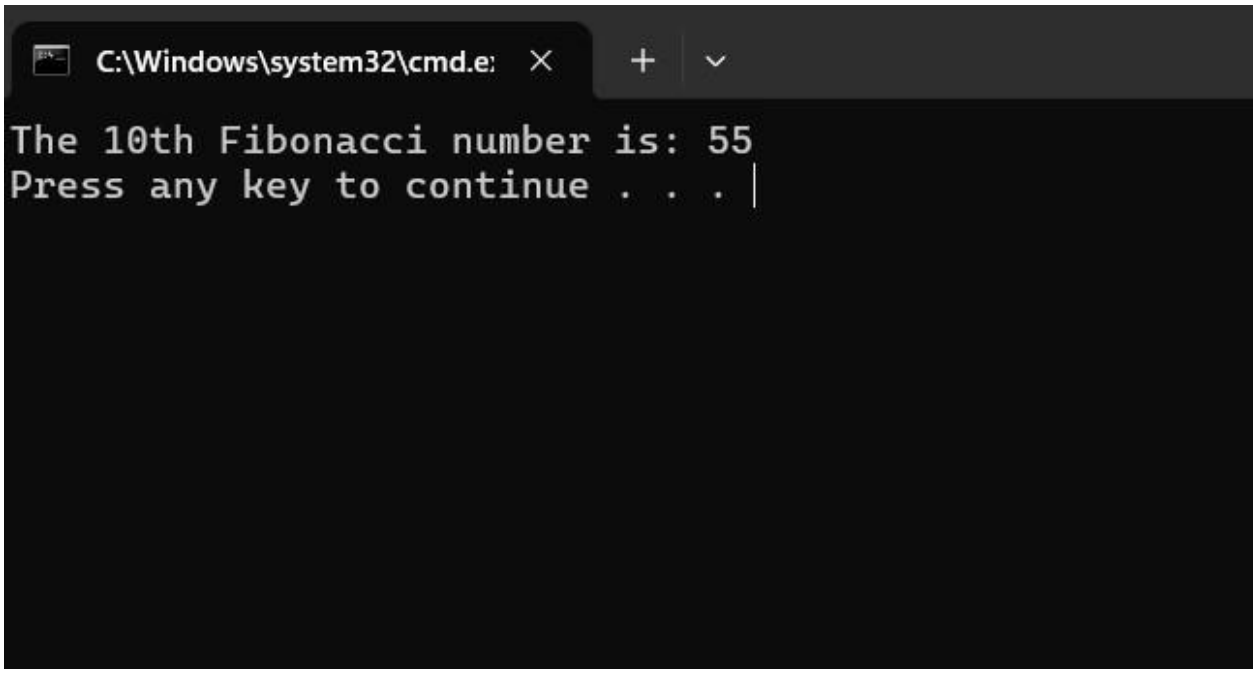
98)Dynamic programming

CODE:

```
def fibonacci(n, memo={}):     if
n in memo:
       return memo[n]     if
n <= 1:         return n
   memo[n] = fibonacci(n-1, memo) + fibonacci(n-2, memo)     return
memo[n]
 n = 10
result = fibonacci(n)
print(f"The {n}th Fibonacci number is: {result}")
```

OUTPUT:



TIME COMPLEXITY : O(n)