

10.9.2023 18:13:26

recursive_sum.py

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1
2 # HSLU / ICS/AIML : Modul ADS : Algorithmen & Datenstrukturen
3 # Path   : uebung01/al/aufgabe03
4 # Version: Sun Sep 10 18:13:26 CEST 2023
5
6 def recursive_sum(n):
7
8     # TODO: Implement here...
9     pass
10
11
12 if __name__ == '__main__':
13
14     n = 100
15     print("Sum of 0..100 recursively          = ", recursive_sum(n))
16     print("Sum of 0..100 explicitly : n * (n + 1) / 2) = ", (n * (n + 1) // 2))
17
18
19     """ Session-Log:
20
21     Sum of 0..100 recursively          = 5050
22     Sum of 0..100 explicitly : n * (n + 1) / 2) = 5050
23
24     """
```