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| **Recursive Function** | **Sum(L, i, n, count)** |
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| **DEFINISI DAN SPESIFIKASI**  **Sum** : L Objek , I integer, n integer → count Object  *{Menghitung jumlah dari list L}* | |
| **REALISASI**  Sum(L, i, n, count):  *# Base case*  if n <= i:  count    count += L[i]    *# Going into the recursion*  count = Sum(L, i + 1, n, count)    count | |
| **APLIKASI**  ⇒ Sum ([1,2,3,4], 0, 4, 0)  ⇒ Sum ([11,22,33,44,55], 0, 5, 0) | |

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| **higher order functions (First Class)** | **greet(func)** |
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| **DEFINISI DAN SPESIFIKASI**  **greet** : func → string  *{Fungsi first class}*  **shout**: string → string  *{Fungsi shout hasil keluaran huruf kapital}*  **whisper**: string → string  *{Fungsi shout hasil keluaran huruf kecil}* | |
| **REALISASI**  shout(text):  text.upper()    whisper(text):  text.lower()    greet(func):  # storing the function in a variable  greeting = func("Hi, I am created by a function passed as an argument.")  print(greeting) | |
| **APLIKASI**  ⇒ greet(shout)  ⇒ greet(whisper) | |