## Laboratory 4

3. Write a predicate to determine all decomposition of n (n given, positive), as sum of consecutive natural numbers.

ome Sol 
$$(m, i) = \begin{cases} 0, & \text{if } m = 0 \\ i + & \text{ome Sol}(m - i, i + 1), \text{ otherwise} \end{cases}$$

clean position  $(m, i) = \begin{cases} 0, & \text{one Sol}(m, i), & \text{if } i < m \\ \text{decamposition}(m, i + 1), & \text{if } i < m \end{cases}$