

Youtube Vide -> What on Earth is Recussion? es gist | factorial 17 | fact(1) = 13 Viele n | factorial 27 | 2 | fact (1) | 2 | 1 = 2 factorial (3) | 3 | & fact (2) | 3 | 2 = 6 Stad fortorial (4) \$6
2.2.) Main ruga 24 4.6 = 24 int fact (int n) first = 24 if (n = = 1) return 1; else return in \* fact (n-1); int fact\_lit (int n) sanber // Abfangen falscha'
Eingabe if (n < 0) & return - 1; Version von faculty\_recuriv if (n = = 0) ietum 1;1101=1 int m = fact\_ if (n-1); vetvin n x m;

(Int factorial (intn) int product = 1; for (int j = 19 j = 19 j = 19)

product k = j jreturn product j

nadste Iteration 1 + 5 7 7 -pant 5 1, 1, temp = 00 array[] = \$5,4,7,7,9,0,26; length = size of (array/size of int); J=0, J< length-1, J+1 190 1902 (any [ ] > any [ ]+ ] -> false temp = 5 temp 5= [4+1] = L 1 & length , 1 ++ Prodste Steation A > j+1 -> tausken 1001 1001 [1+1]; Van 17 2 temp = 7 amplist = 7 und 4

Bis j=6 wail 5 4 7 7 9 02 O und zwei vergliken werden. Jetzt wird itt gemacht und wieder werter alle durchgegangen.