06-06-24 Sum OF M- INTEGERS => -> main () int m, s; printf ("enter n"); Scanf ("i.d", &m); S = m * (m+1)/2; printf ("1. d", s);

I. WITHOUT ARGUMENTS WITHOUT RETURN TO void sum () int m, s; frunt (" enter m"); Scanf ("1.d", dm); (" m m) S = m * (m+1)/2 ; winty ("1. d", s); cy (1+1 main () Sum (); I WITH ARGUMENTS WITHOUT RETURN; (m true) mus biol (4.12) int main () grad hint frid int An; (in Ant. bruntf ("enter in"); scarf ("7,d", 4 m); sum (m) return o; Void sum (int in) 如此如此(" sind s = m * (m+1)/2; points ("1.0", 5);

III. WITHOUT ARGUMENTS WITH RETURN 1-14 -> int sum (voil) int in, s; 7 frantf ("enter m: "); scanf (" ". 0", dm); S= M* (M+1)/2; return s; main () int s; and the real place of S= Sum () (the ba printly ("1.d", 8); WITH ARGUMENTS WITH RETURN; int sum (int m). " (" at 18the ! return m* (m+1)/2; main () int m, s; franch (" enter n: ") scant (a 1. d", 4 m); s = sum (m); friendy (" 7. d", 5);

$$\frac{M!}{(M-9i)!} = \frac{M}{5!}$$

$$\frac{5}{2} = \frac{5!}{3! \times 2!} = \frac{120}{12} = 10$$

We-what is a function & what are the advantages:
FUNCTION: - It is a block of code which performs particular

task.

SYNTAX: -

ADVANTAGES:-

-> Repetative Works can be done easy

> Easy to Deling > A compline problem is divided into small parts titled Modules / Functions.