Furctions If we want to do some specific tosk again and ogoin, we write it ir a pretio, and then we use that function for the better programming approach. returnape function neve (parameters) { Function involves 2) > Furction Definition -> Function Delaration (done before the Function Definition) (3) -> Furction call. Parameters (type2, type2, type3) Furction somes us from the redundancy > Improves the readability In Furction call, we pass the arguments which was previously parameters in the function declaration Garple) fictorial of Numbers

Function Nemoly 1) Stack Membry (Static) (2) Heap (Dynamic) Furctions are in the stack venory. int sum (inta, intb) All will Junish after DivideC sumsatb; completing this reformson; { multiply C pretionalitie) int main () Son () -> when the return spherent cover the Som (14, 15). main() control will go to the main () again and Sun() will be break point of Peroved from when all the the furction: the stack execution are completed in the main() ore refurn o cone the vair () will also gets removed from The stacto. > No spatements will be executed after the reluin statement

Pass By value Copy of argonents are passed to foretion int Sum(inta, intb) } Sort) Sun = apbi 10 reform som? 3333 copies HOW int wain () { voir() geres-Will it int x =10, 4=15; x WOLK techinicaly Sun (x,y); 4444 2000 copies are generated although it we keep the woir () values as a and b aswell it will not affect coek offer because the memory addresses are different naves are just apparent For Brample change (x) voir () 2

Son of Digits of Humber? while (num 20) } 10rdigit = NUM-1-10 non show to digon + = lostdig 8 C 2 8 2 1 (8 2) 1 O -> Prine Munbers (3) -> Prime plumbers series