

(Video 20) C Programming (Impuntant Suntion Set 3) 92. #include (stdio.h) 0 Static int i; (2) it your dayser; Static int 4727; 3 State int 1; @ mt maily & (5) istation in () (0) printf (ugod n, )); (7) retur of 8 % > 43FF 3 9 ff En a male Frist look at the memory layout To de enamed Hexa to Decimal 43FF - (17407)

Memory Layout of C. program electron doll (5) so it will do to bes memora. Mornior wood ord of Command think Anguments and environment variables. promenStack of never ti won semonds to man is well wish month segment: Heap 1) Text/ code Segment 1) Data Segment Initialized wit -6 (688) em of b mand D Road Only in) Read Write Initialized Data him ti (3) evil throutin trib Uninitalized Segment For (bss - Block Stanted by symbol) Contain machine code of compiled prognominal e) stackti two Le llin who inst god all Hepwho good more value (importance than Global vapiable.

3 > Global variable decleaned but not initialized so it will go to bes memory. 3- initialization done for some variable, So Now it mones to Data memory and will temain there. won't change. 1) Text/ code segment dicleaned but doesn't matten cos (3) Aagai declearus Trangos pto (2 the variable alreadly already initialized and won't move from data memony. 1) Read Write > 55, I frim me print without line 6 it will tugtus tring 5 Joones Hinto Contain machine code But if hierarla line Que the ignos in a loop where the loop variable will get more value/importance than Global variable as the global variable is decleared initialized = 27 but in loop it is decleared without initializing.
So, i'v will contain a value of O.

and so, if we print with line (6)
the output will be "0"

# include (stdio. 4)

# static int i;

static int i = 27;

Static int i;

printf (" %d", 5);
return 0;

always war priority ma

27

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