

C_142 > Types of Storage classes in C Part-2 - Register storage class

* How to use this?

register int a;

* The defaut value of register storage class will be garbage value

the auto register storage dass vouriables have only function and black scope; it cornet have program scope (global dedoration).

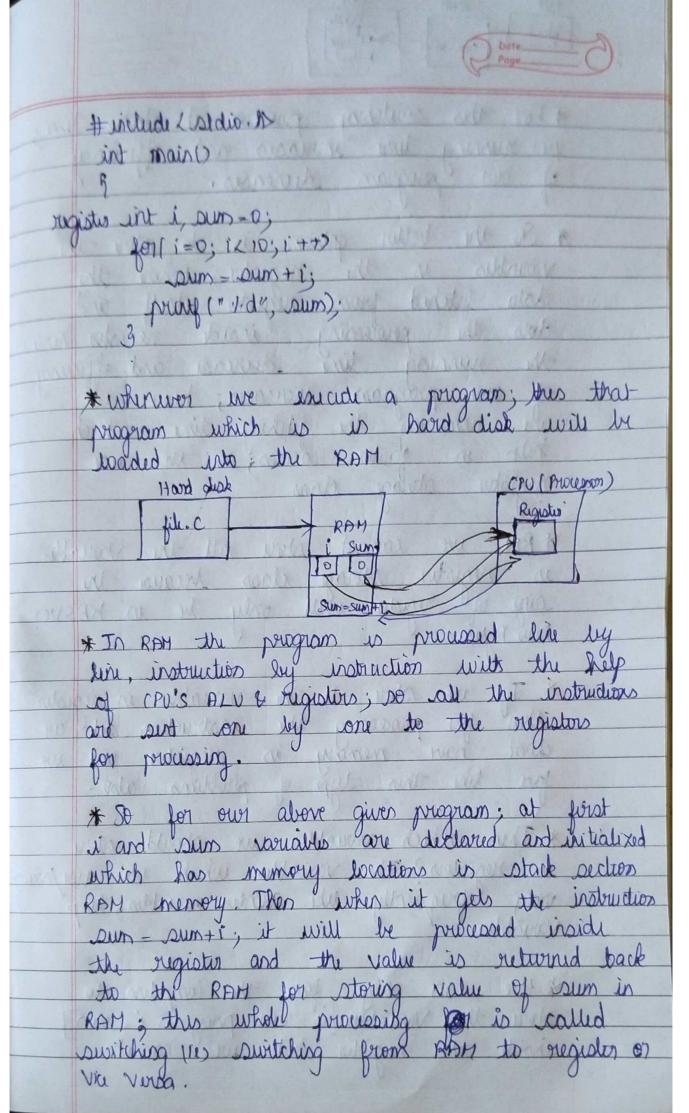
* Lifetime of auto storage class variables is

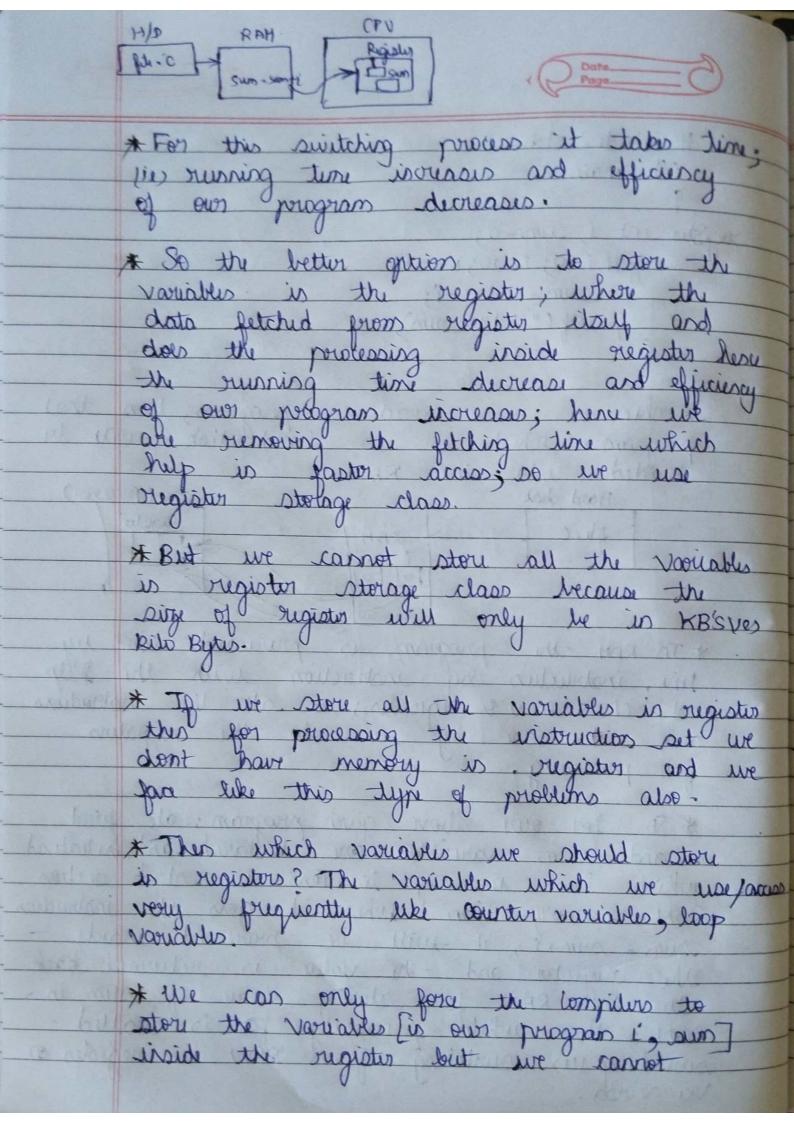
NOTE:

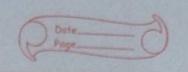
* We know auto storage class variables will be stored in RAR inside it stack segment.

* register storage class variables will be stored in CPU registers [for all its local variable]

Now, why we store in CPU register?; Is it possible to store all variables in CPU register? which type of variable we should store in CPU register?







guarantee that the variables are stored in brighter because it is based on the availability of memory in registers. But

compiler by default take it as auto and allocate memory for those vocables is stack section but we don't know this whither the memory is allocated is register or not; but for our satisfaction we have declared as register.

* We cannot use pointer, for the register storage class variable since it is should register we do not have any address for those variables here we cannot also use the address of operator.

*g: # indudicatatio.b>
int main)

the address of the register int i, own = 0;

restricted register for (i=0; i'x10; i'++)

variable with the sum = sum + i;

help of pointer.

printy (":/.d", sum);

* But we can use

pointure variables inside

register where we grant ("''', * ptr);

of another variable is no norm

eg:- register int * ptr; inta;

rand store if an address

variable inside ptr:-

