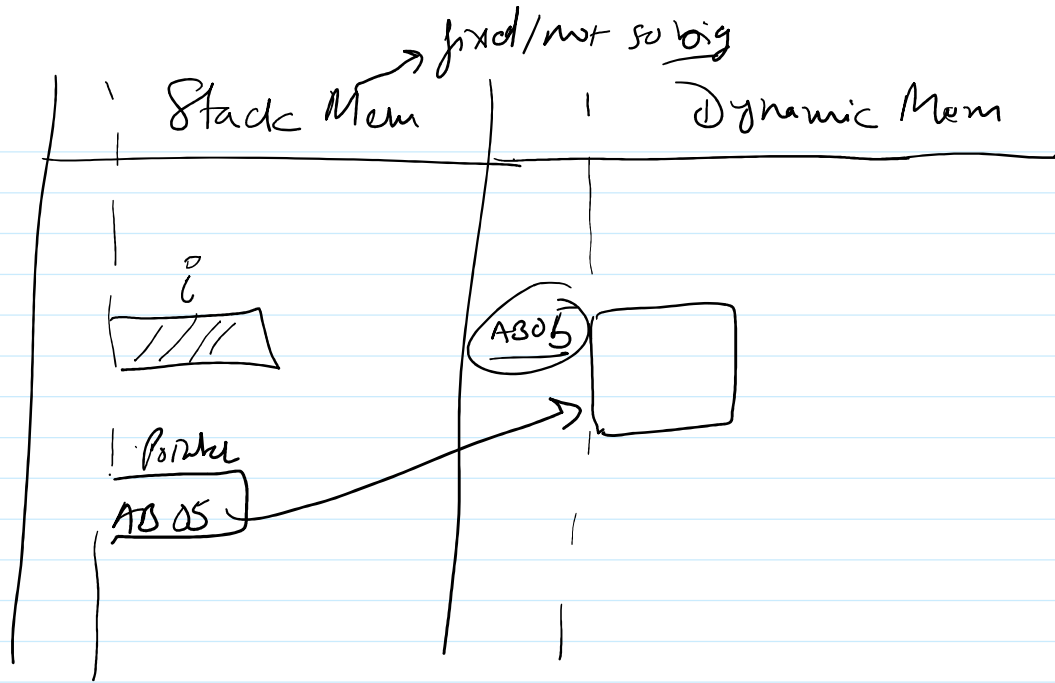


Program

- ① No variable is created in Dynamic Memory
- ② Only Pointer can point to dyn. memory allocated

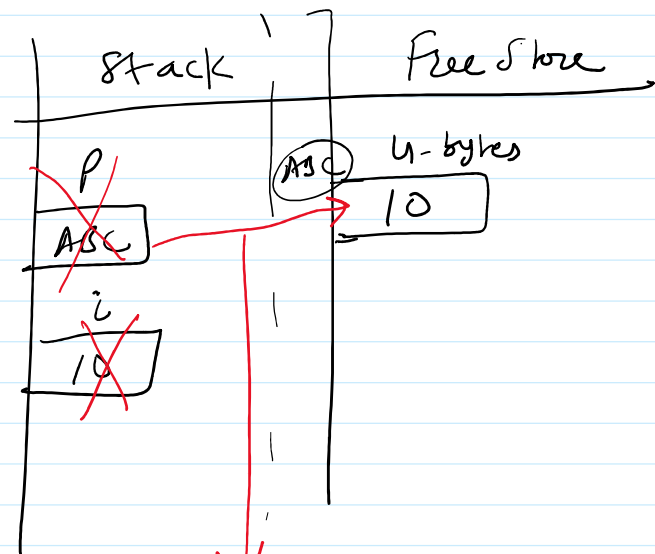


How to allocate memory on Free Store / Heap ?

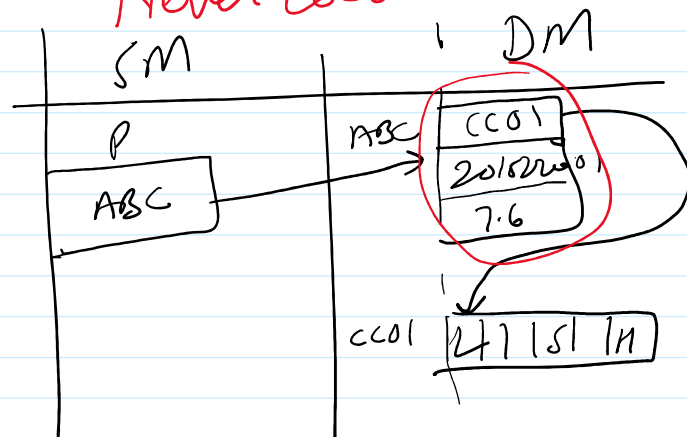
$\text{pointer} \xleftarrow{\text{ret}} \text{new} \xrightarrow{\text{type}} \text{input}$
`f()`
`{ int *p = new(int);`
 $\quad \quad \quad \uparrow$
 $\quad \quad \quad *$
`*p = 10`

`int i{10}`
 $\xrightarrow{\quad \quad \quad}$ free? delete p

`}`
 \rightarrow free {int} memory leak



Never loose this link



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| 11.10.11 |