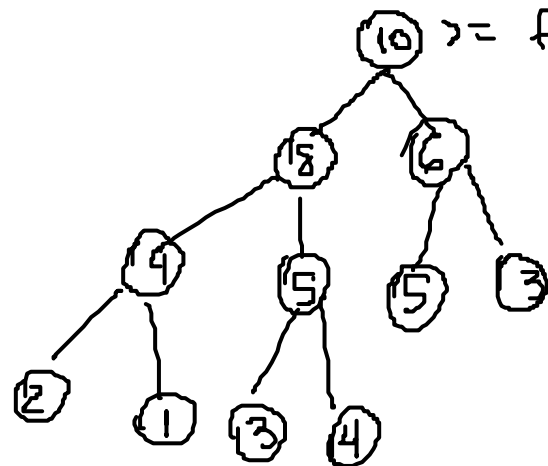


heap max

\Rightarrow fila de prioridades

↓ raiz

↑ = filhos



\sim é total
ordenada

$$\mathbb{N} = \{0, 1, 2, \dots\}$$

+ - * / %

↳ não é fechada

$$5 \nmid 2$$

$\mathbb{R} \neq \mathbb{N}$

int

$$2^{31} \mapsto 2^{31} - 1$$

+ - * / %

$$\hookrightarrow 5 \nmid 2$$

2

C

integer

$$5 / 2 = 2,5$$

$$5 \setminus 2 = 2$$

Programa A (principal) 1 print A 2 call C 3 call B 4 call D 5 return	Subprograma B 1 call C 2 print B 3 call D 4 call C 5 return	Subprograma C 1 print C 2 call D 3 return	Subprograma D 1 print D 2 return
--	--	--	--

