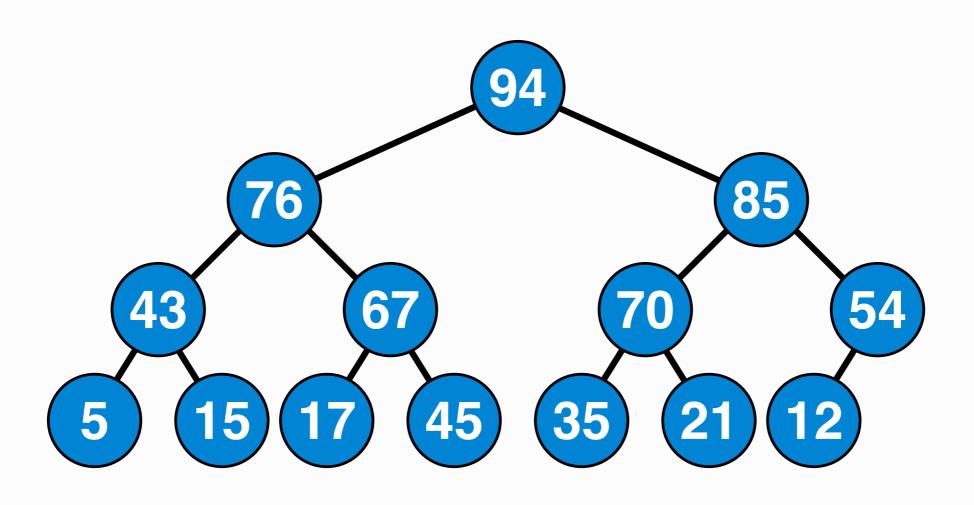
HEAP BINARIO

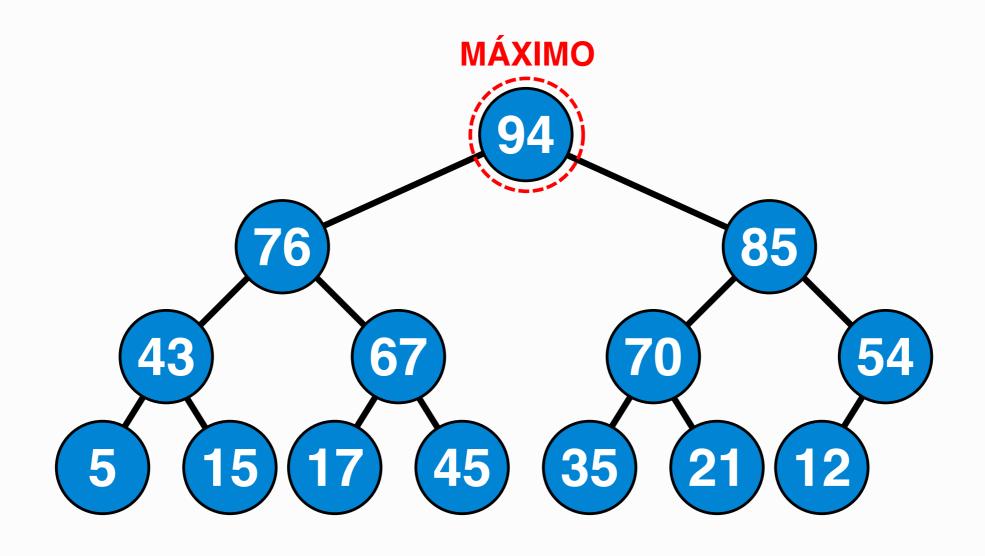
75.41 - ALGORITMOS Y PROGRAMACIÓN II



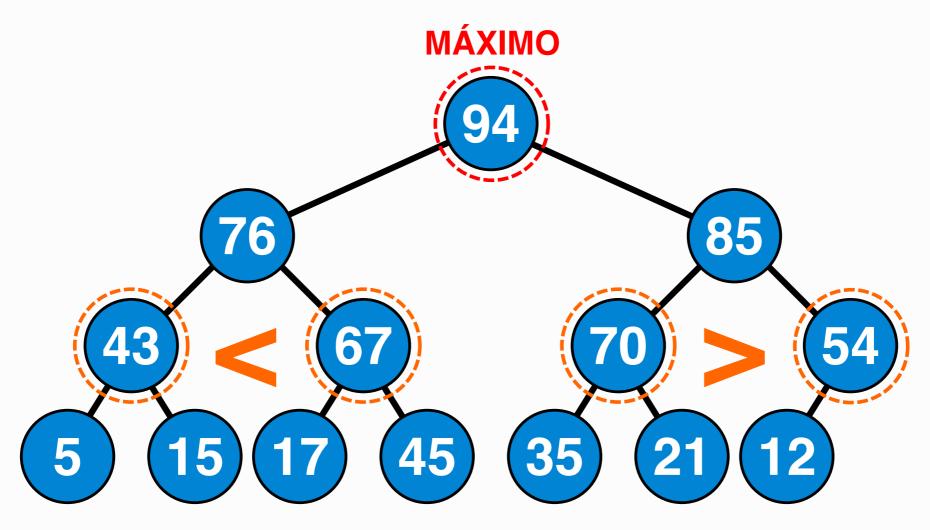


CARACTERÍSTICAS



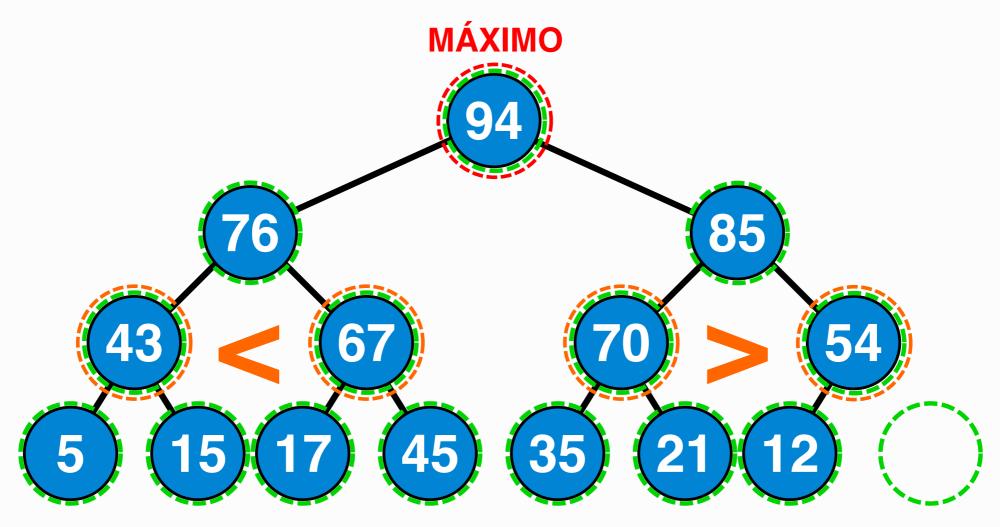






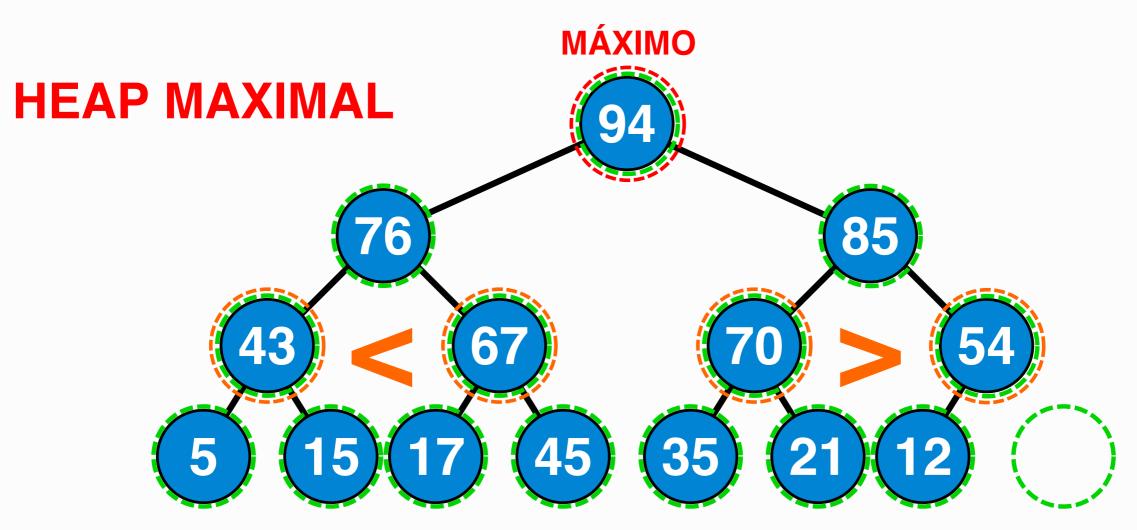
NO EXISTE RELACION DE ÓRDEN ENTRE HERMANOS





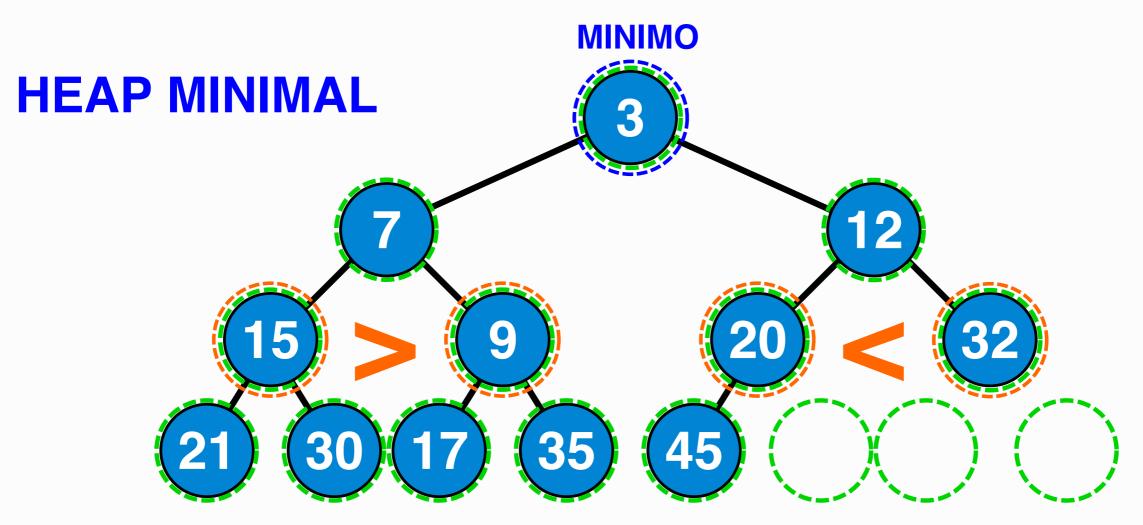
NO EXISTE RELACION DE ÓRDEN ENTRE HERMANOS **CASI COMPLETO**





NO EXISTE RELACION DE ÓRDEN ENTRE HERMANOS **CASI COMPLETO**



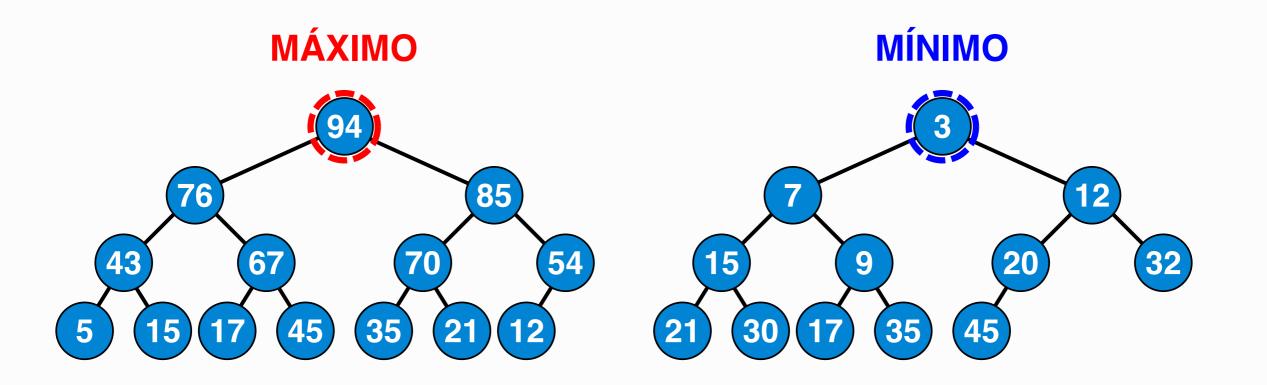


NO EXISTE RELACION DE ÓRDEN ENTRE HERMANOS **CASI COMPLETO**

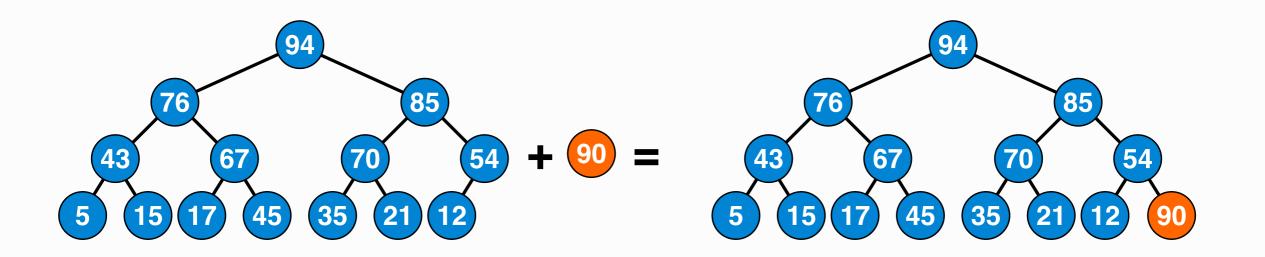


OPERACIONES

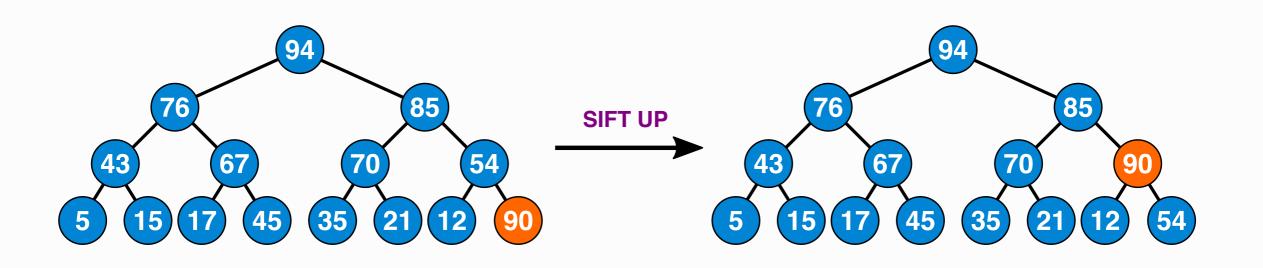
BUSCAR MÁXIMO/MÍNIMO



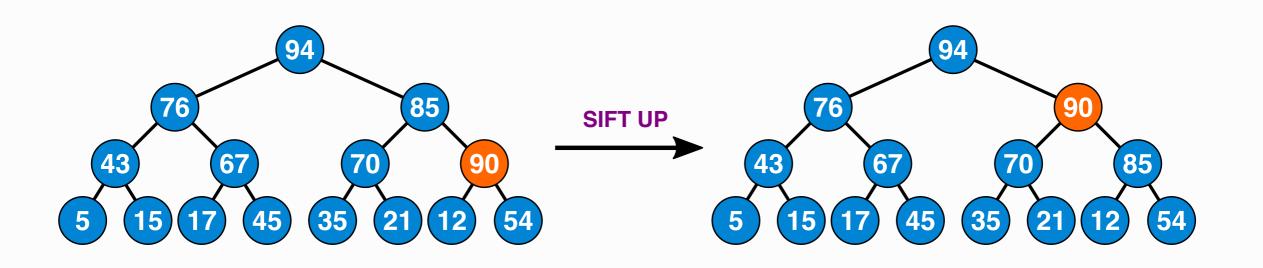


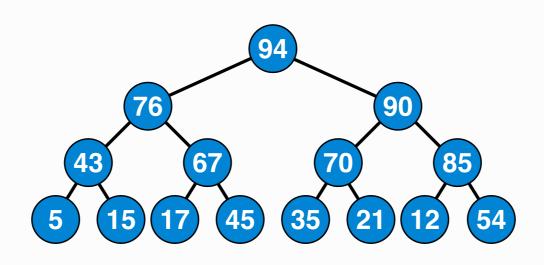


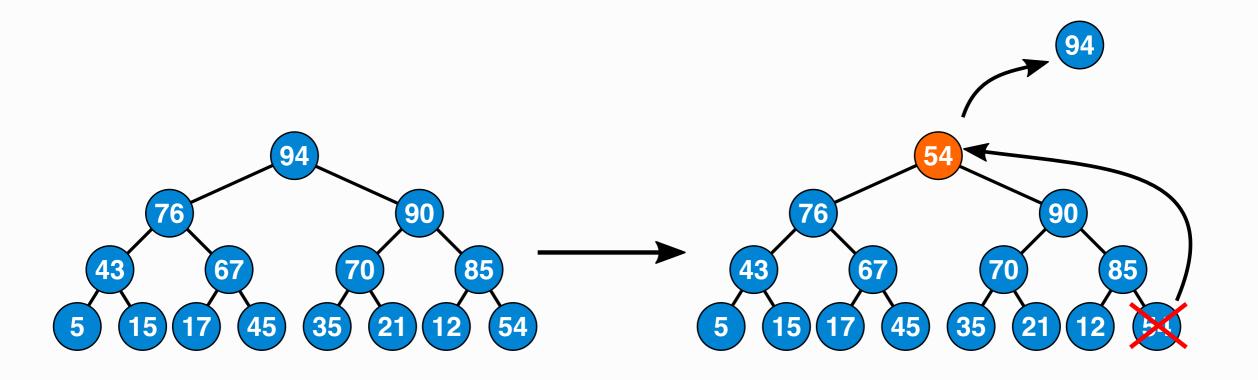


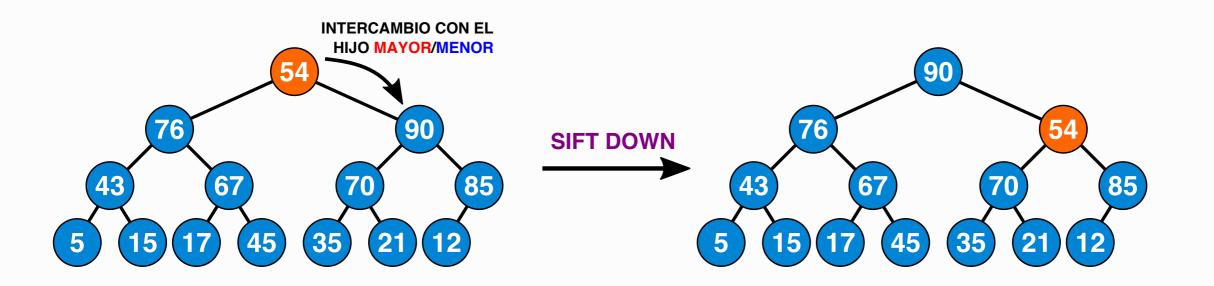


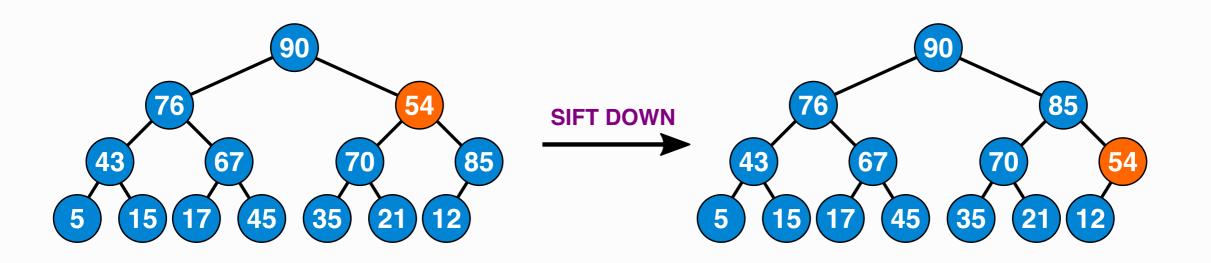


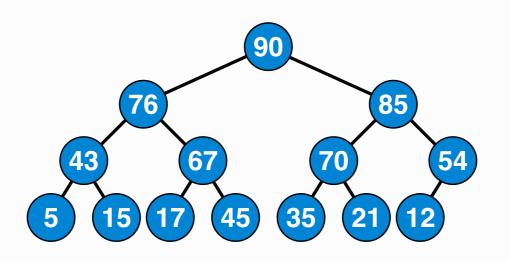














CONSTRUCCIÓN



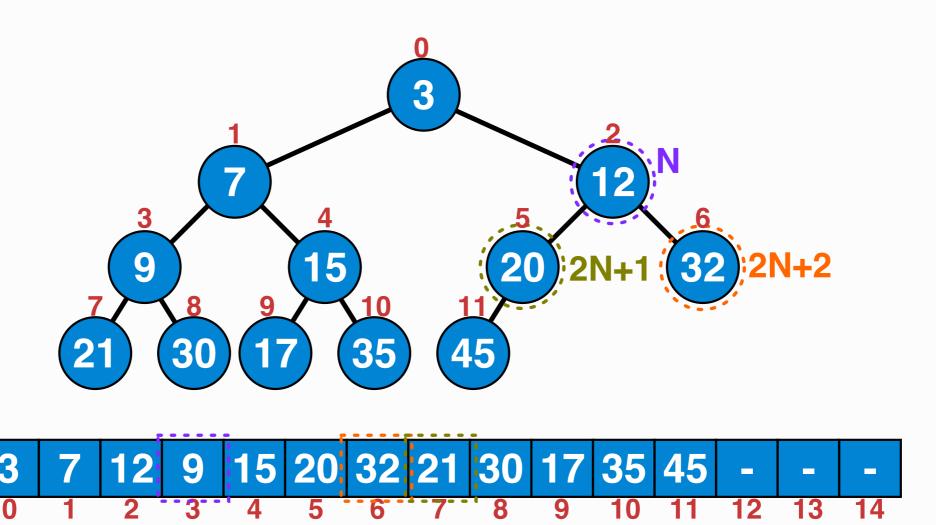


INSERTAR ELEMENTOS EN UN HEAP VACÍO UNO A UNO

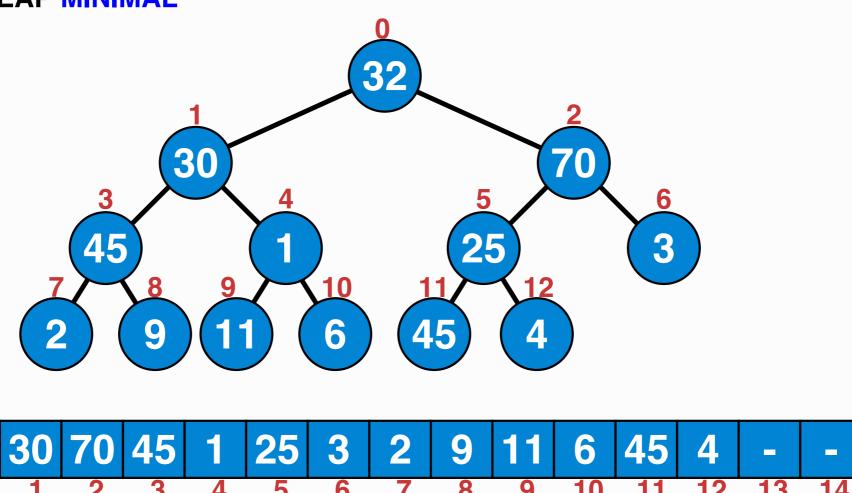
N OPERACIONES LOG(N)

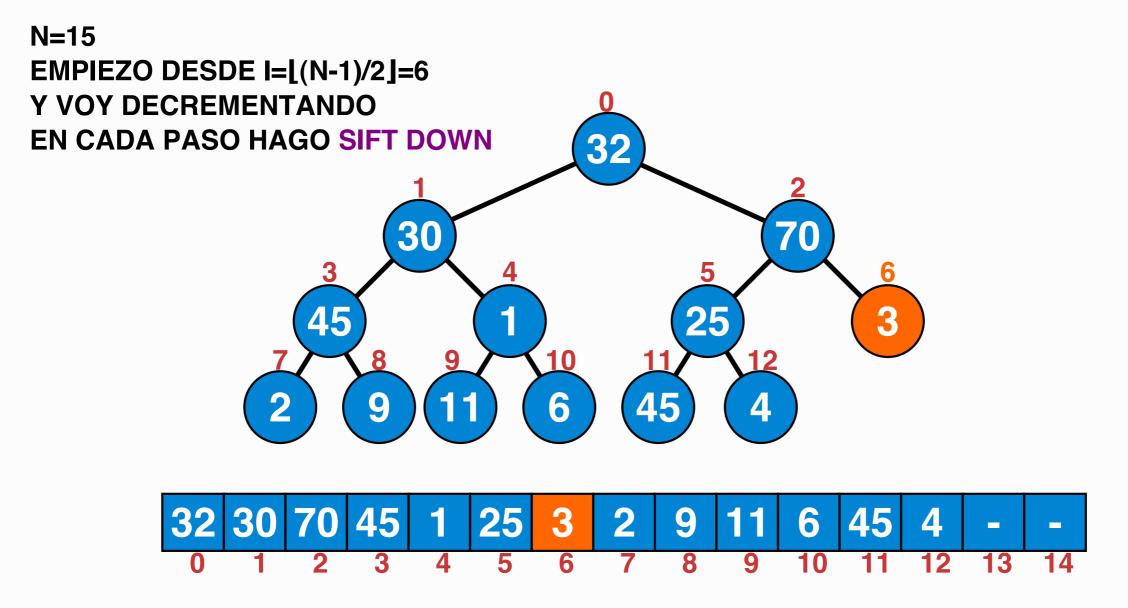
COMPLEJIDAD N LOG(N)

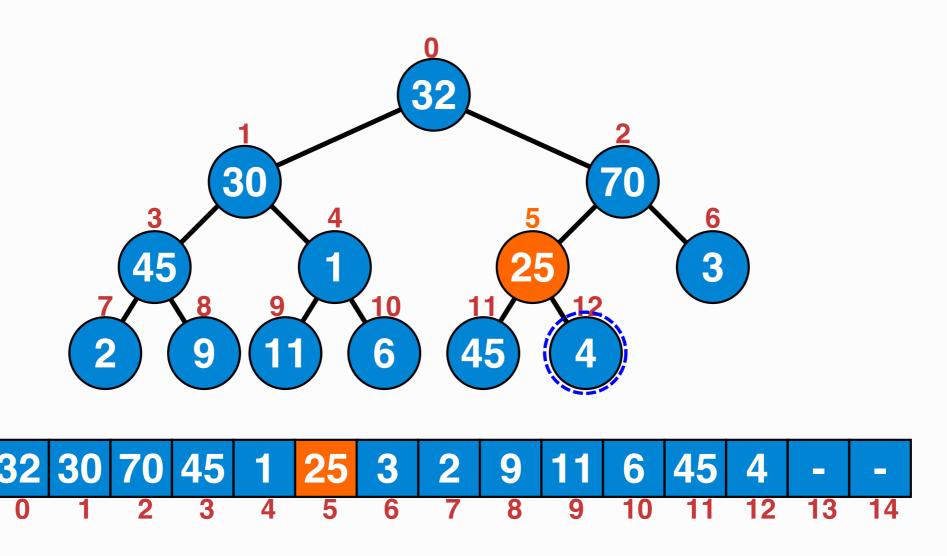
OTRA REPRESENTACIÓN

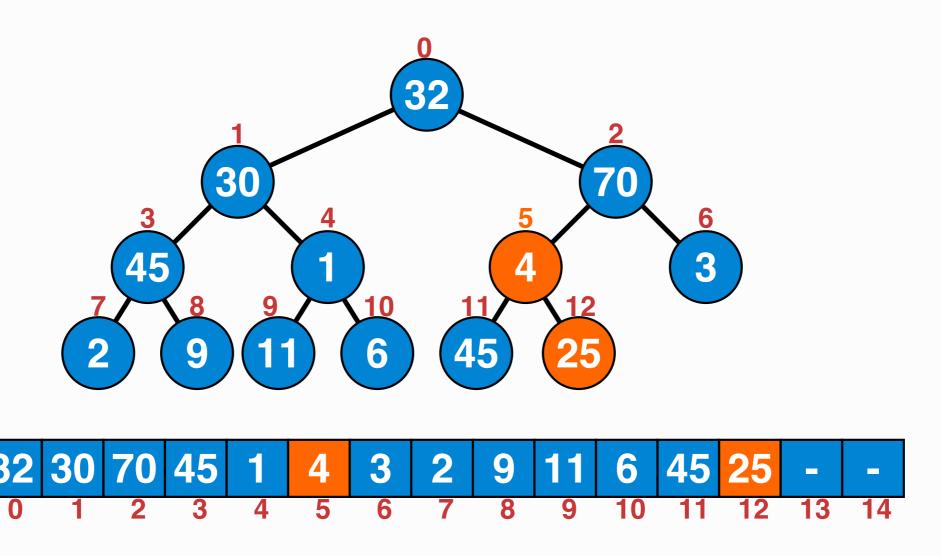


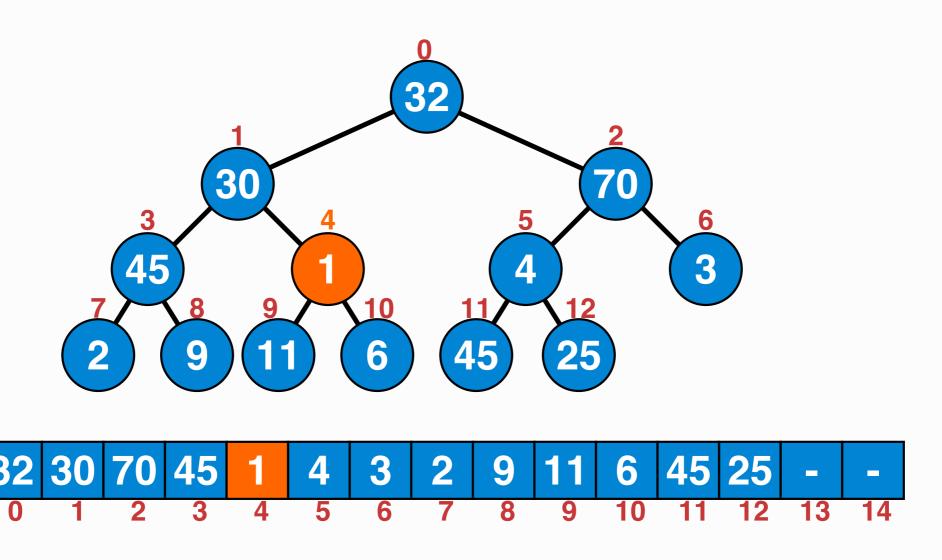
N=15
CONSTRUIR HEAP MINIMAL

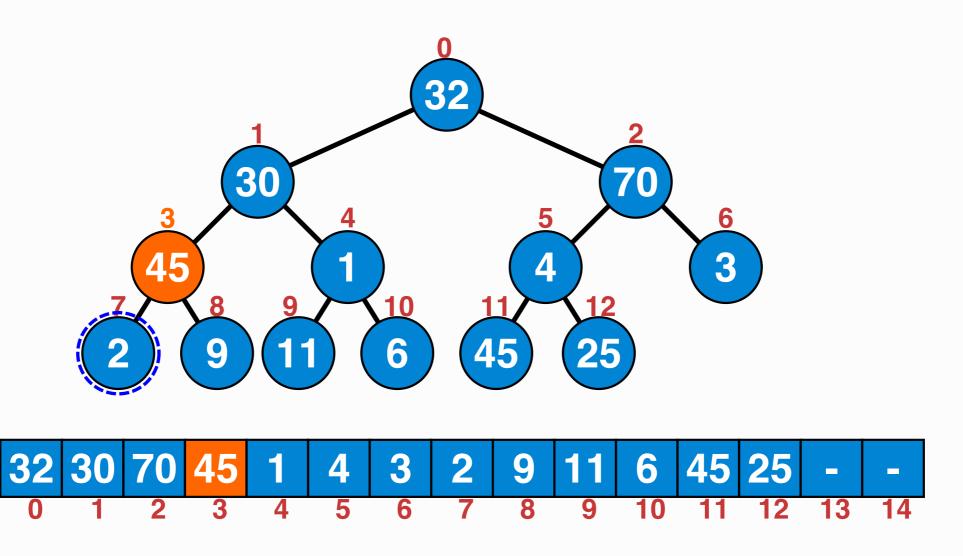


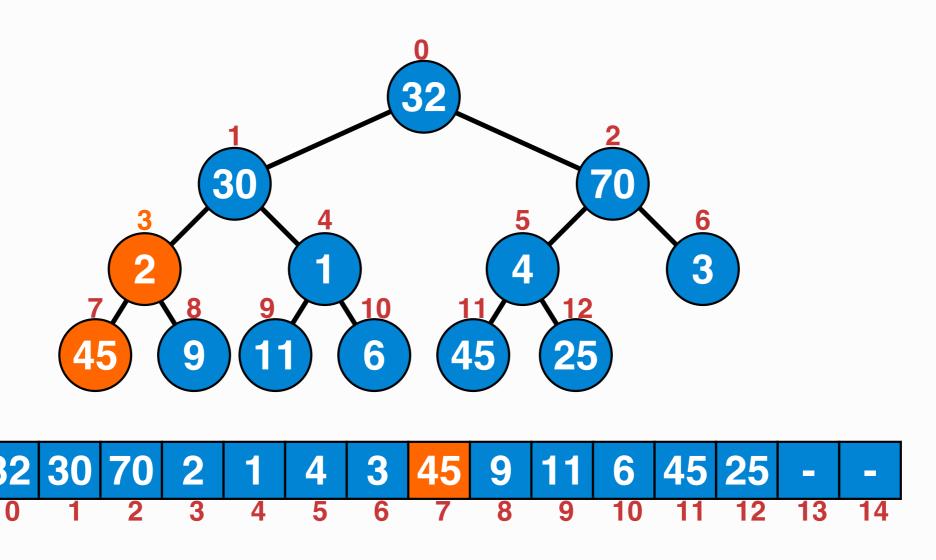


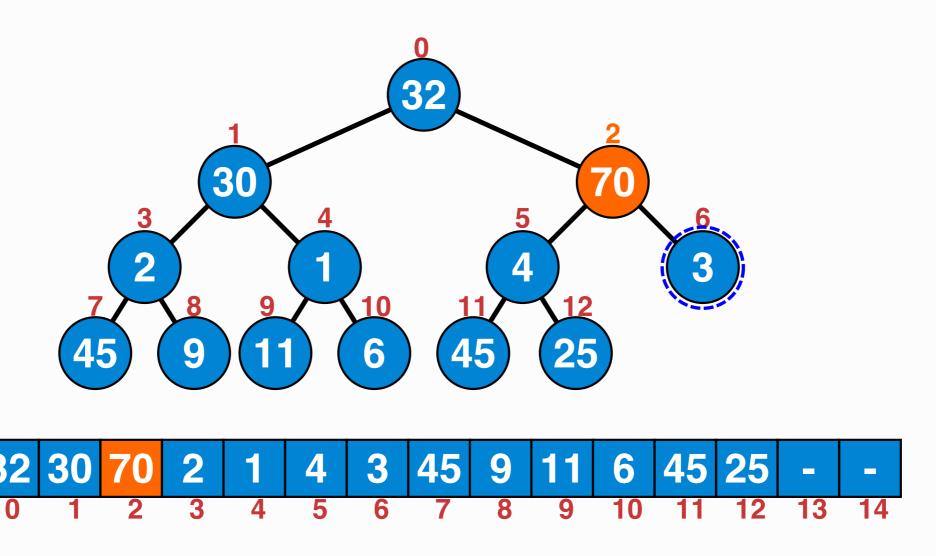


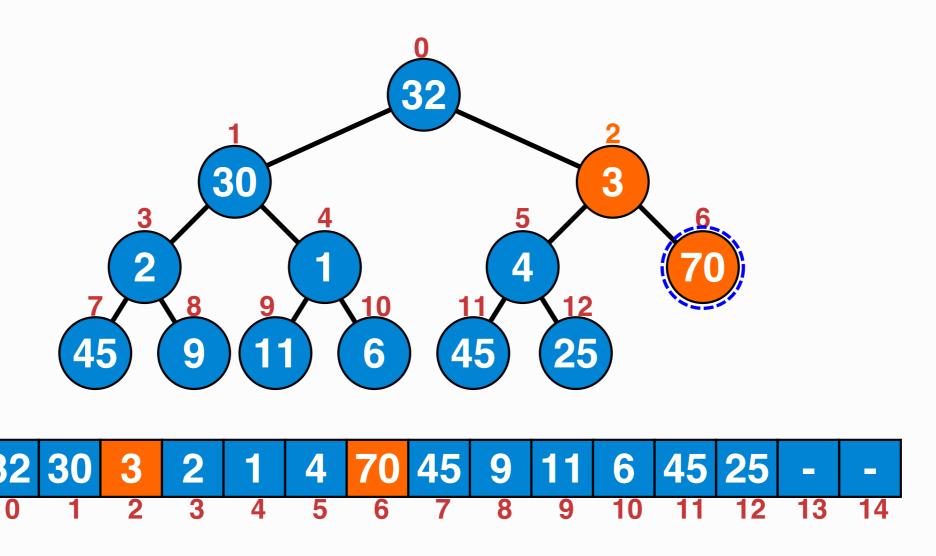


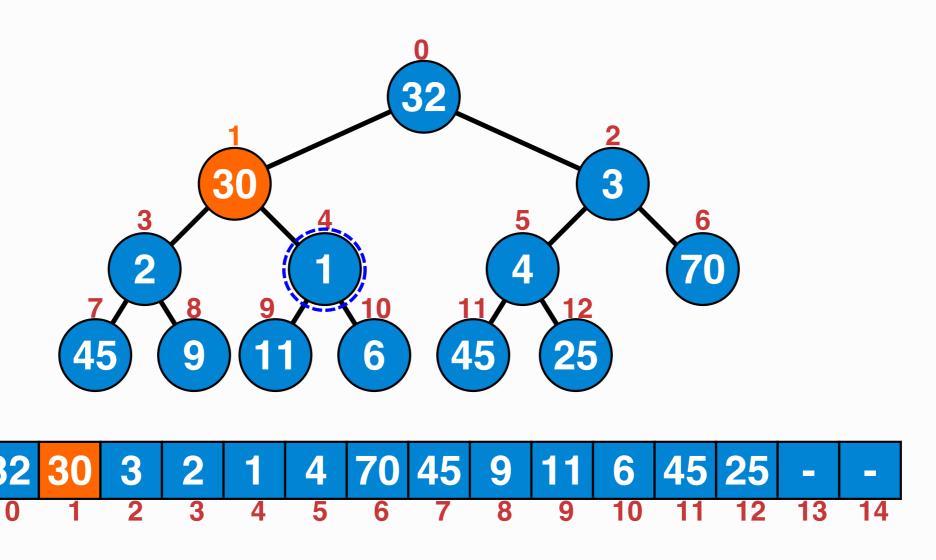


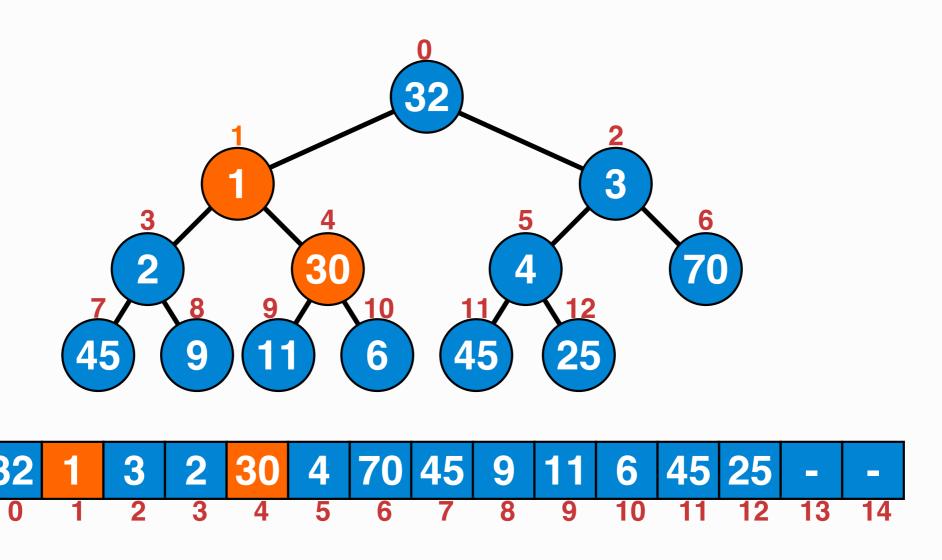


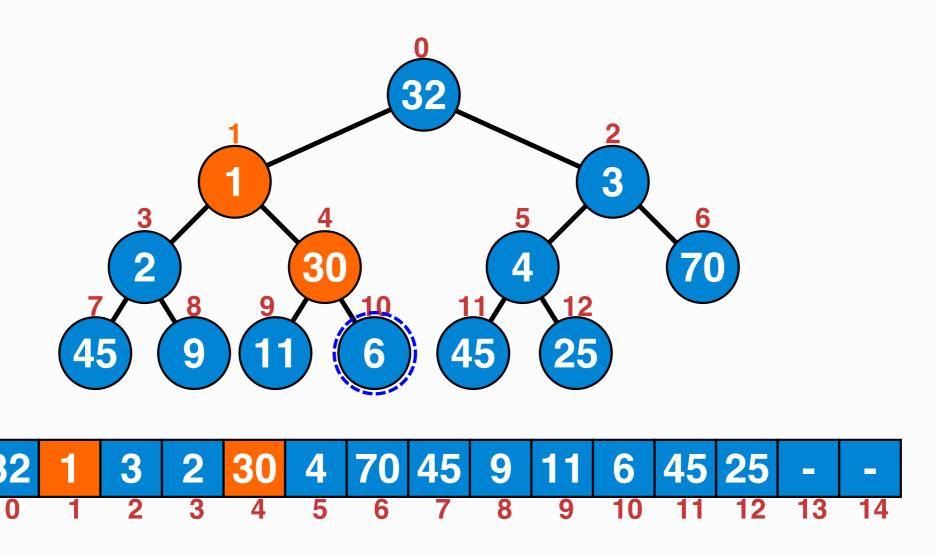


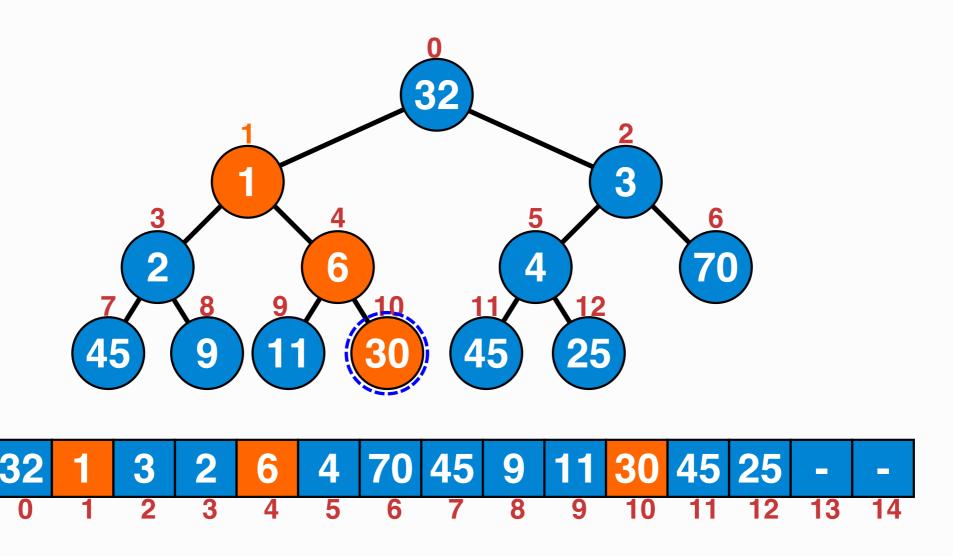


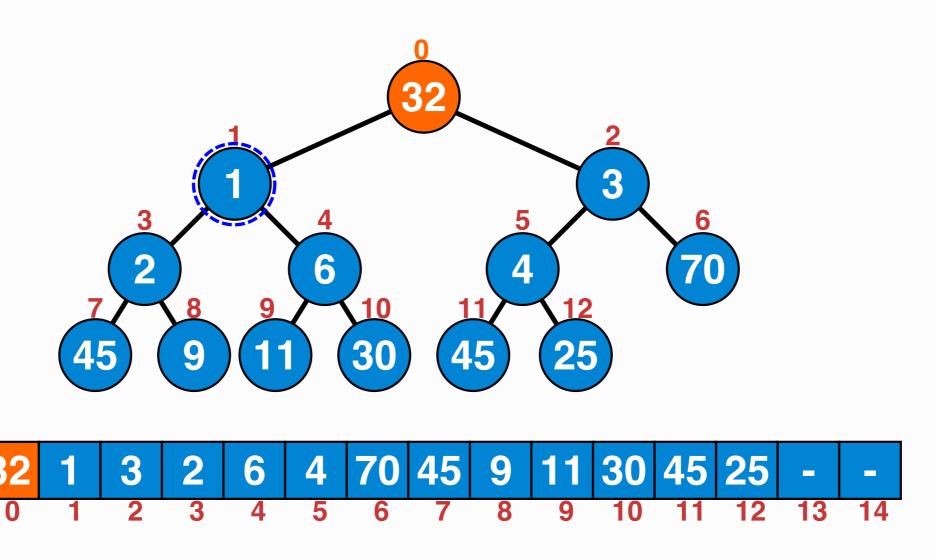


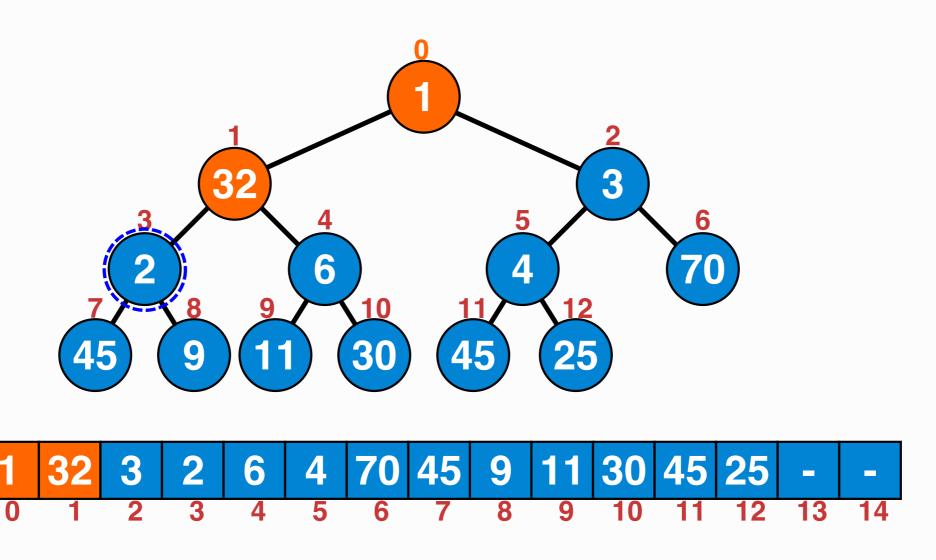




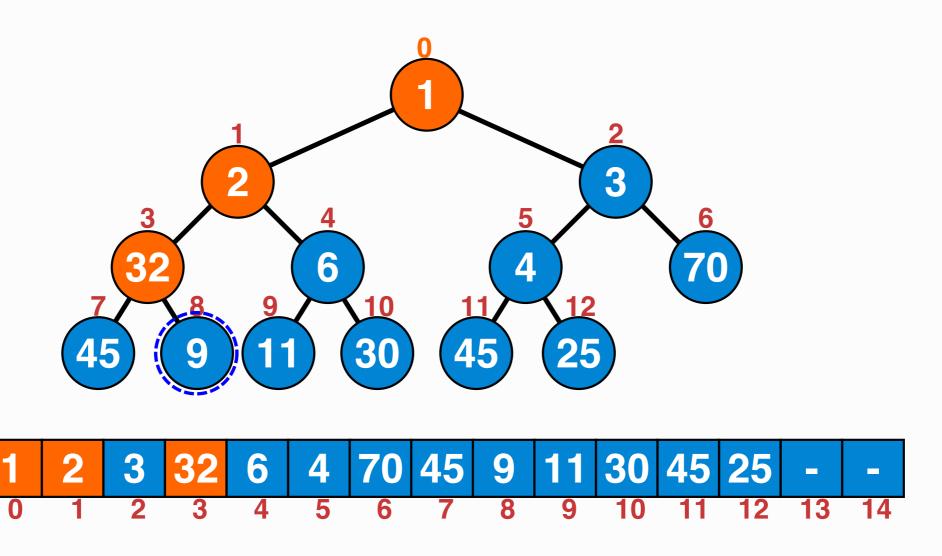




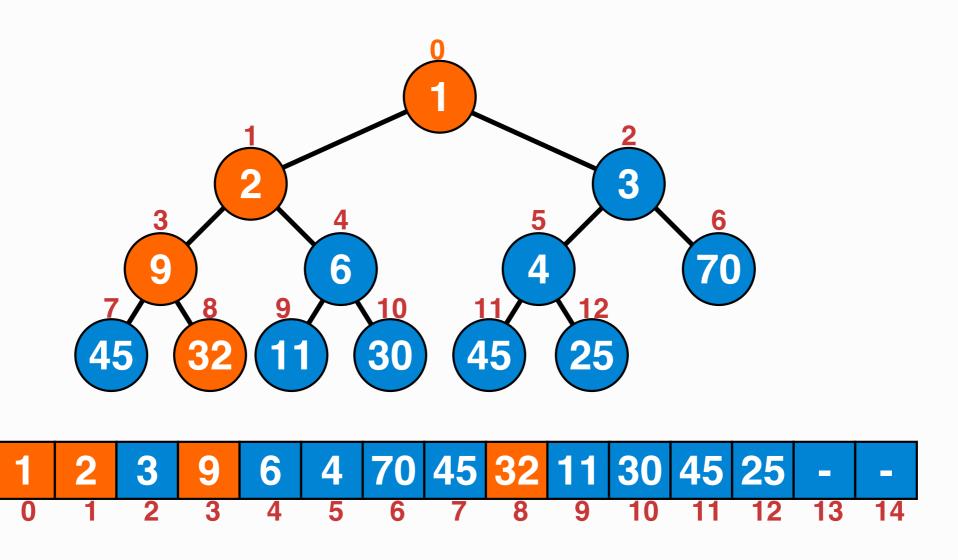




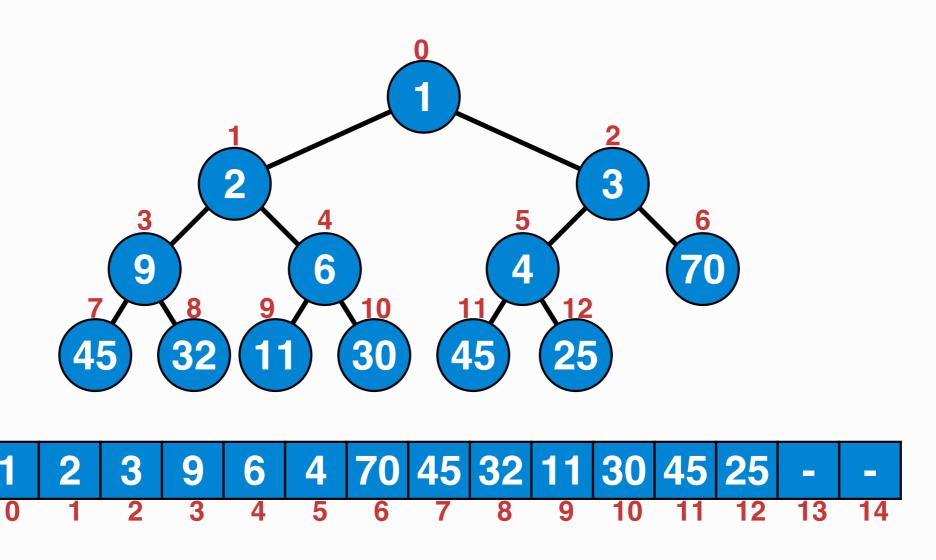
CONSTRUCCIÓN DESDE UN ARRAY



CONSTRUCCIÓN DESDE UN ARRAY



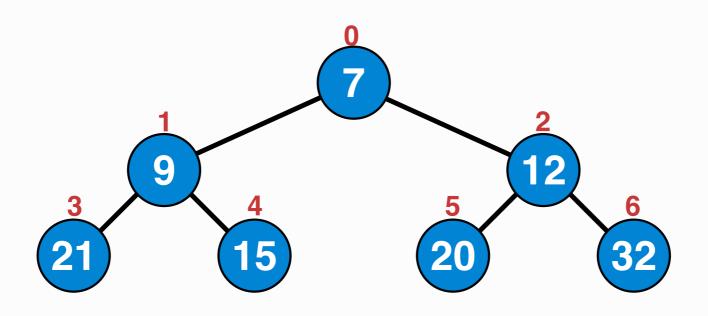
CONSTRUCCIÓN DESDE UN ARRAY





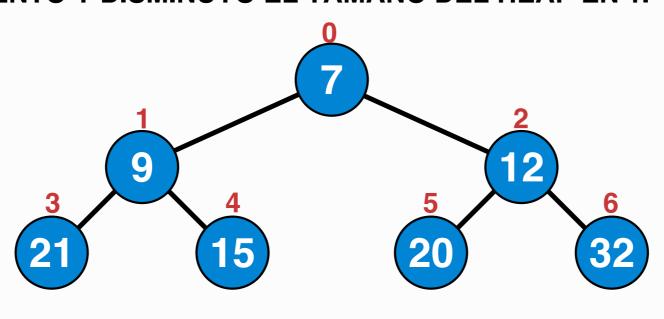
HEAPSORT





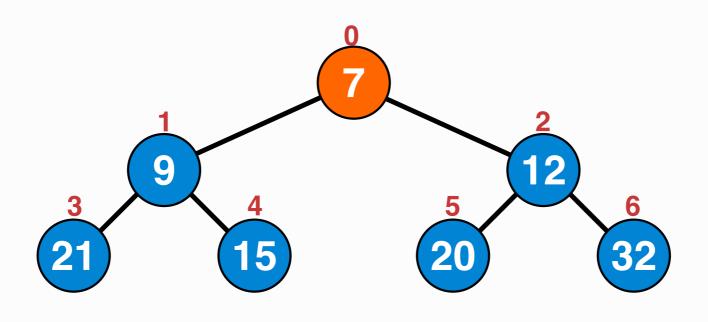


EXTRAIGO LA RAIZ Y REACOMODO EL HEAP HASTA QUEDARME SIN ELEMENTOS. SI LO HAGO INPLACE EN UN ARRAY MANDO EL ELEMENTO EXTRAIDO COMO ÚLTIMO ELEMENTO Y DISMINUYO EL TAMAÑO DEL HEAP EN 1.



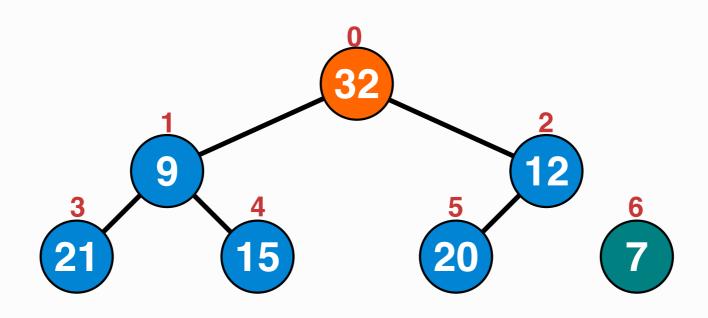






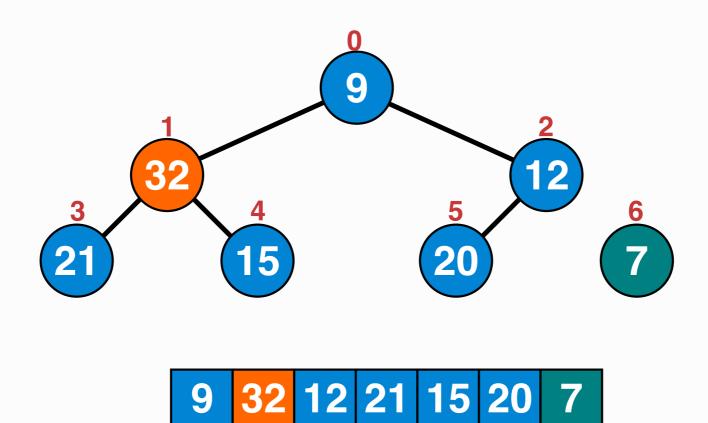




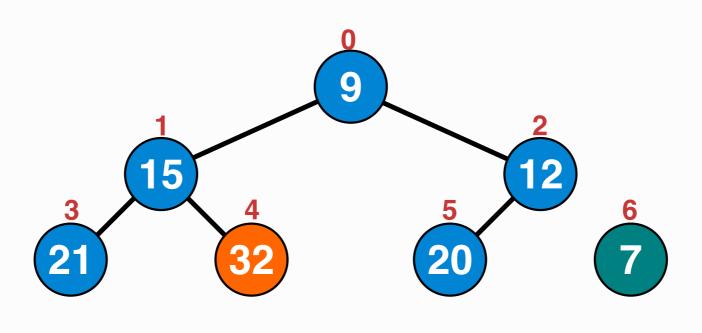






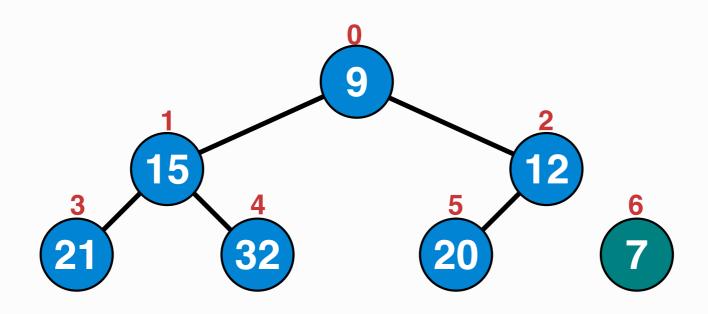






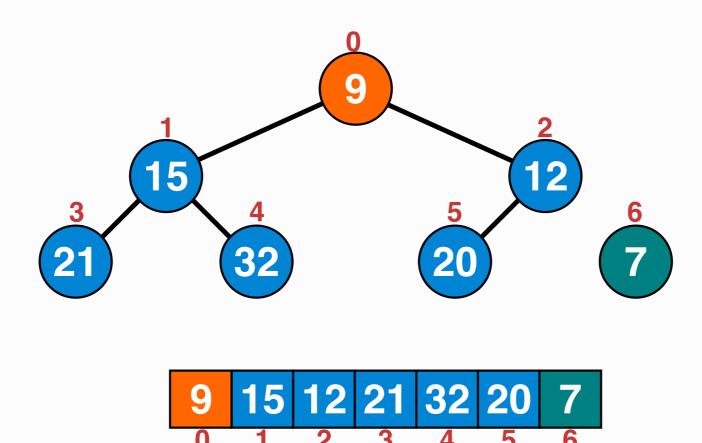




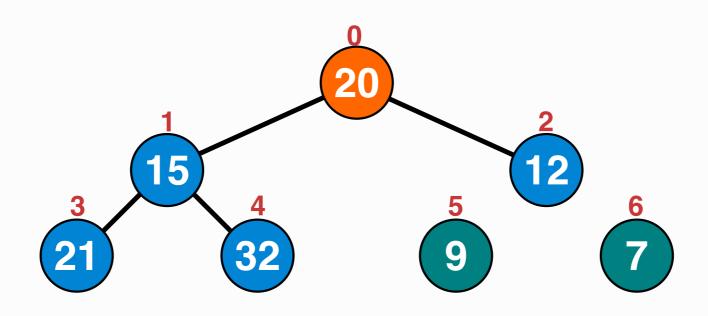






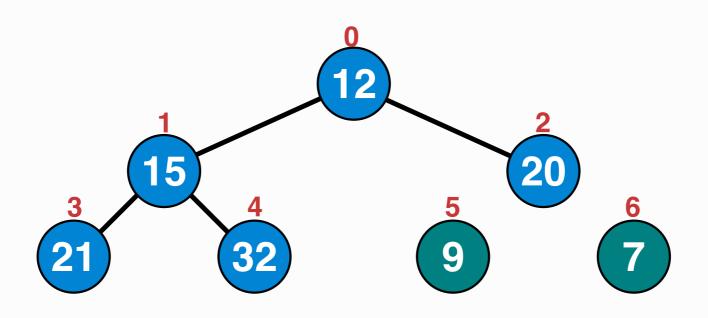






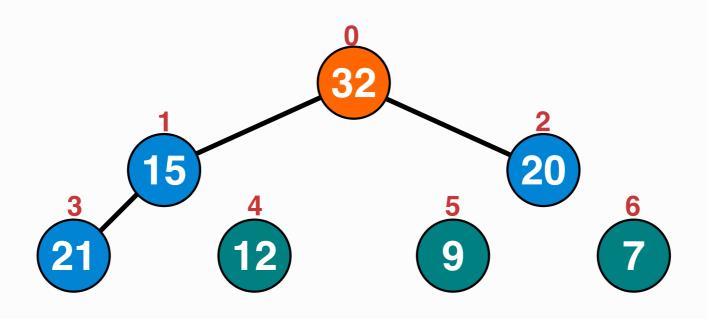


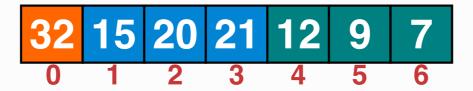




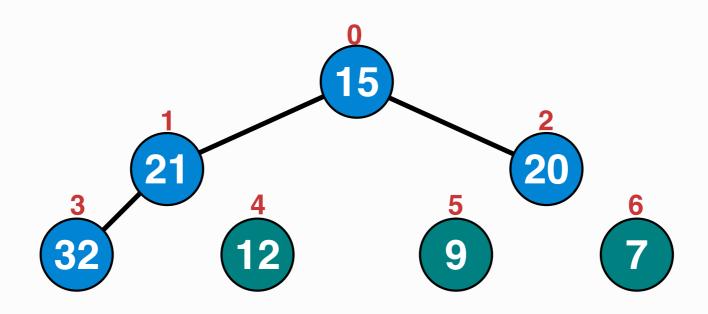






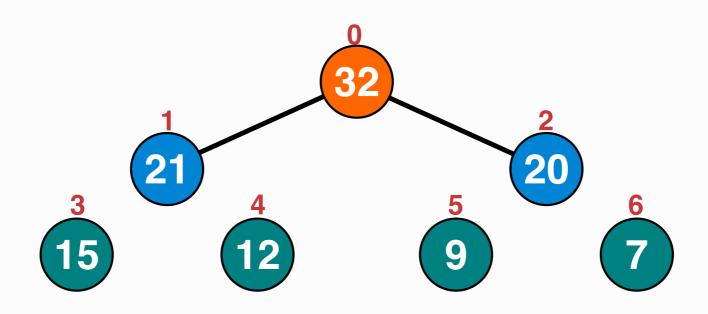






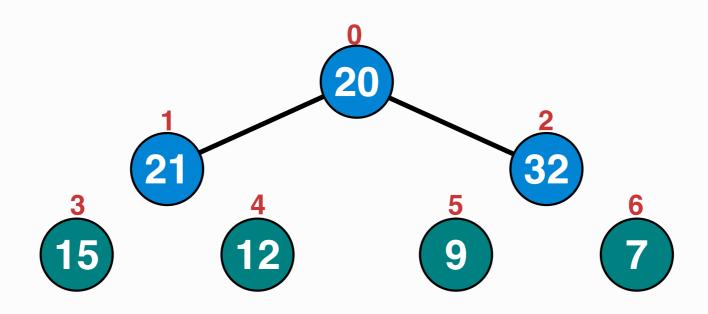






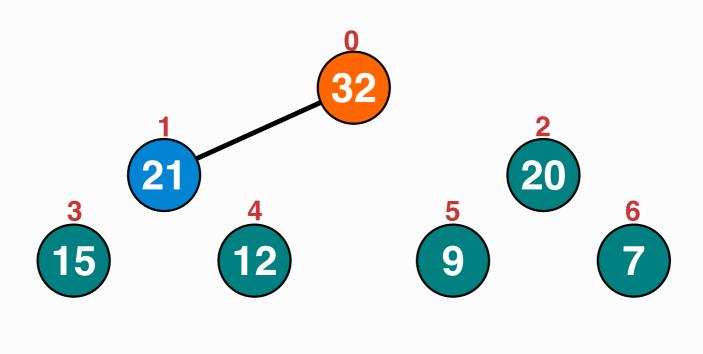






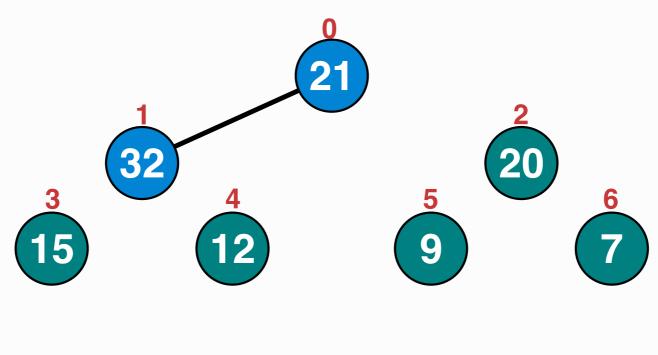






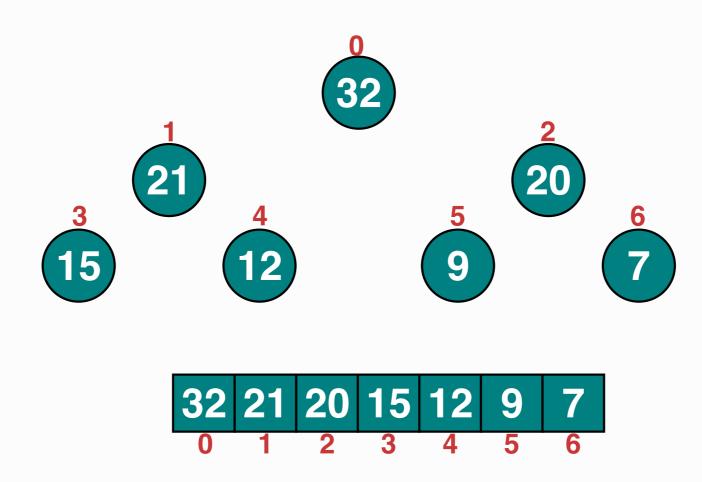






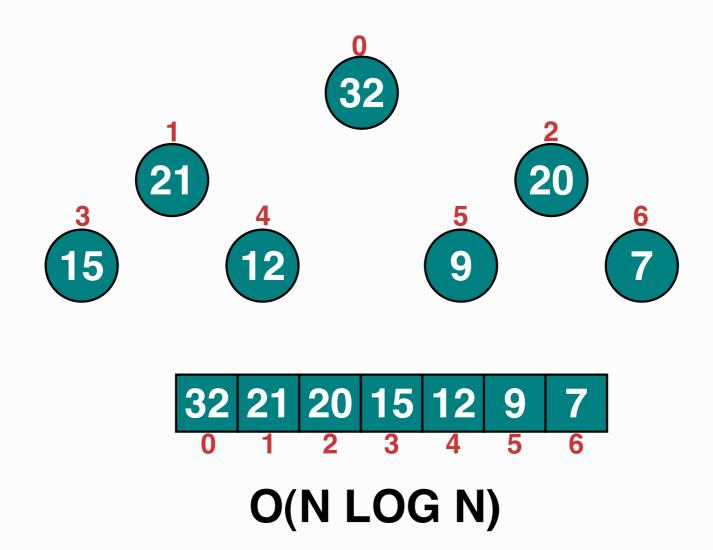














COLAS CON PRIORIDAD



¿PREGUNTAS?

