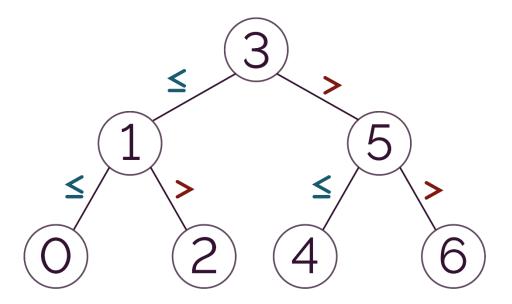
Correction TD11 – Groupe 1

Binary search tree:

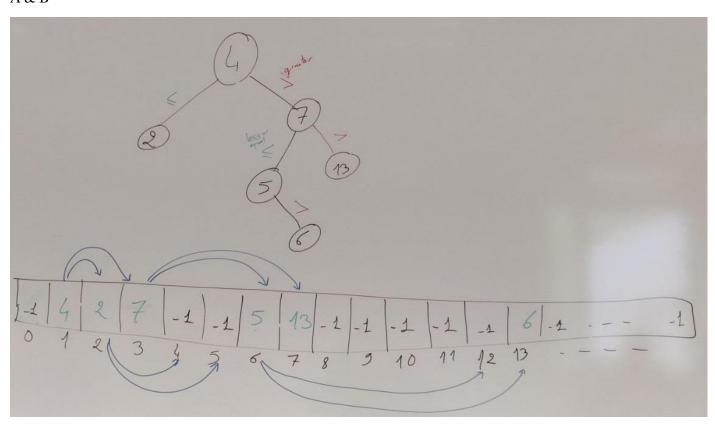


Left-hand elements: smaller than or equal to the node.

Right-hand elements: greater than the node.

Exercise 1:

A & B -



static int plus 6- and (int [] tree)
$$= 1$$

int $= 1$;

while $\left(\left(tree \left[(n*2) + 1 \right) \right] = -1 \right) & \left(\left((n*2) + 1 \right) < tree length \right)$
 $= n = (n*2) + 1$;

return $\left(tree \left[n \right] \right)$;

Exercise 2:

A -

B & C -

```
impact java. io. *;
static void batmon () throws IOExaption of
     Buffered Reader br = new Buffered Reader
                      ( new File Roader ( "mon Fichier. txt ));
     String line = br. readLine (), identiLine = ";
     int counter = 0;
     while (line != null)?
     if (identical (line)) of

| counter ++;

| dentiline = line;

line = br. readline();
      Sop ("The file contains" + counter+" lines with identical caracters")
       50P (identiline);
```