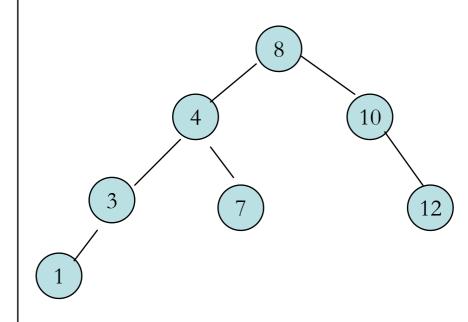
```
TREE-INSERT(z)
y←nil
x←root[T]
while x≠nil
   do y \leftarrow x
      if key[z]kkey[x]
         then x \leftarrow left[x]
         else x \leftarrow right[x]
p[z] \leftarrow y
if y=nil
   then root[T] \leftarrow z
   else if key[z]<key[y]
            then left[y] \leftarrow z
            else right[y]\leftarrowz
```



Explique el código para el caso de TREE-INSERT(z), donde key[z]=5