**// This function returns the largest number in a “Cons”**

**// Example:** bt1 = (((23 77) -3 88) ((((99)) (7))) 15 -1) is 99

**public** **static** Integer maxbt (Object tree)

{

Integer max = **null**;

Object o = **null**;

**for** (Cons tmp = (Cons) tree ; *rest* (tmp) != **null** ; tmp = *rest*(tmp) )

{

o = *first*(tmp);

**while** (*consp*(o))

o = *first*((Cons)o);

**if** (max == **null** || max < (Integer) o )

max = (Integer) o ;

}

**return** max;

}