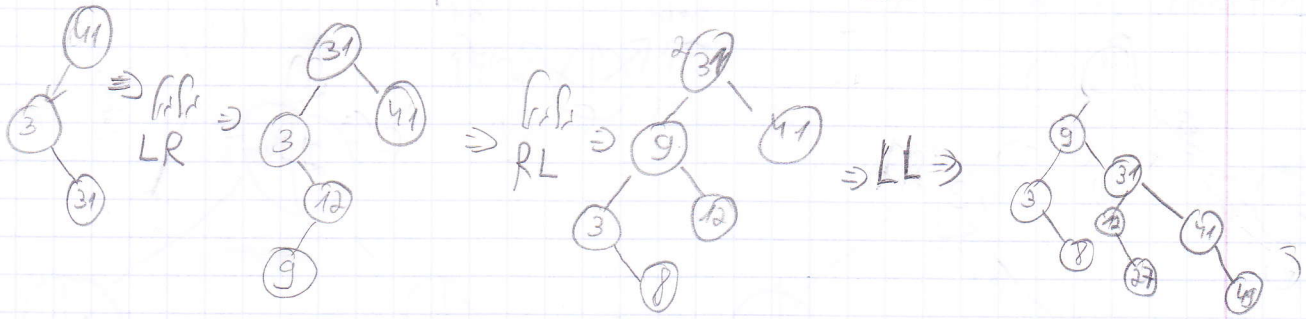
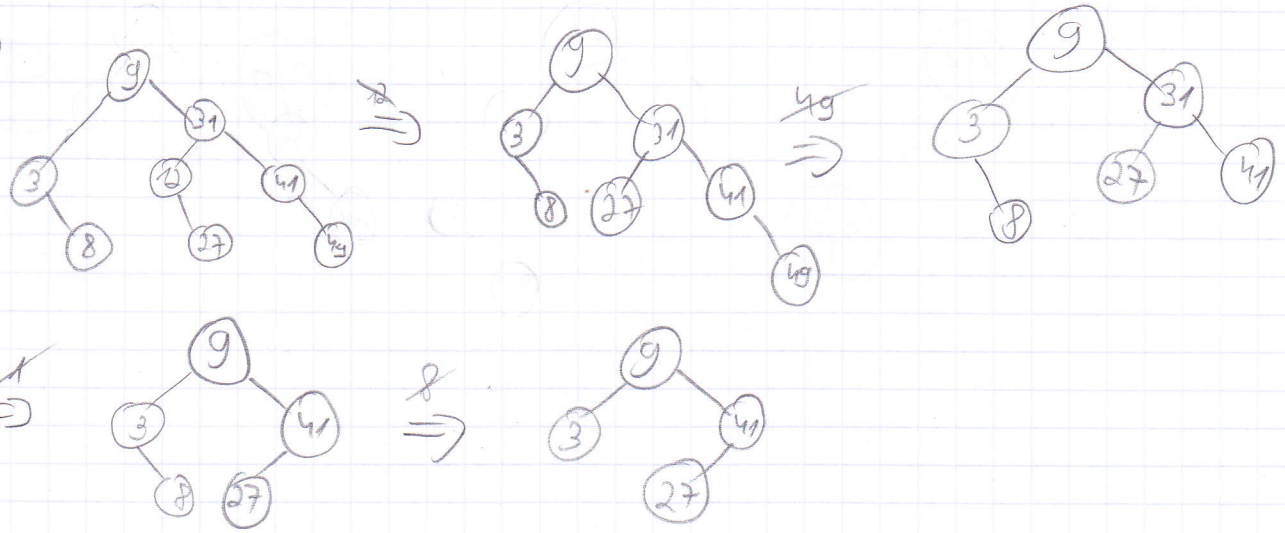
300965332 ת.ז
039677588 מרצה

מבני נתונים תרגיל 7

עמ'

① 

② 

③
```
Rotate_RR(root)
{
  A=Root
  B=Right(A)
  <=Right(B)
  B=Parent(A)
  Right(A)=null
  left(B)=A
  return B
}
```

מיכל נעלנית לביבי דוד-מלאך
בנין נעלנית לביבי דוד-מלאך
טלפון בית: 0396775888 / 300965332

בס"ד

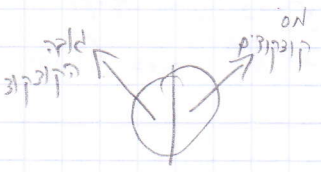
(4)

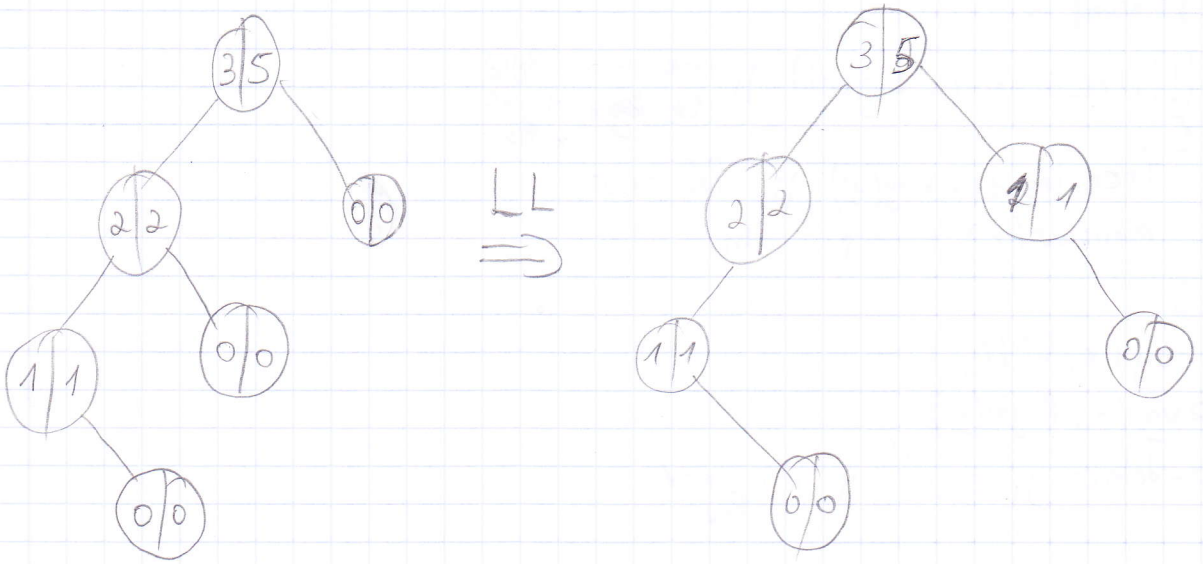
```
mizug(x,y)
{
  If(y = null)
    Return x
  If(!(tree_search(x, key(y)))
  {
    tree_insert(x,key(y))
    meuzan(x)
  }
  mizug(x, left(y))
  mizug(x, Right(y))
  tree_delete(y, key(y))
}
```

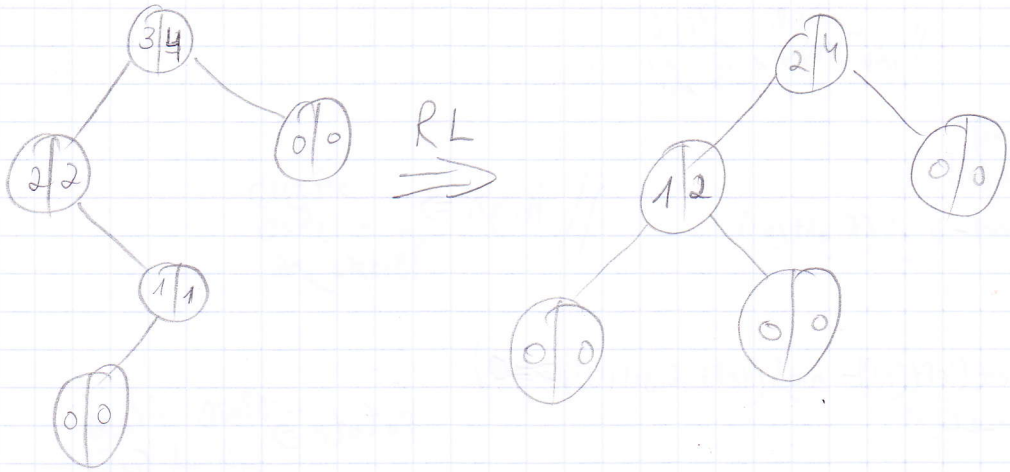
```
meuzan(x)
{
If(x==null)
  return(x)
meuzan(left(x))
meuzan(Right(x))
z=(high(left(x)-high(Right(x))
If(z==2)
{
  If(high(left(left(x))- high(left(Right(x))>=0)
    Rotate_LL(x)
  else
    Rotate_LR(x)
  return x
}
else If(z==-2)
{
  If(high(Right(left(x))-(high(Right(Right(x))<=0)
    Rotate_RR(x)
  else
    Rotate_RL(x)
  Return x
}
}
```

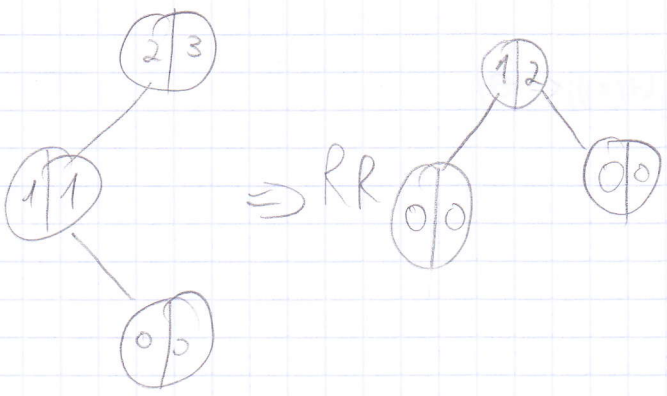
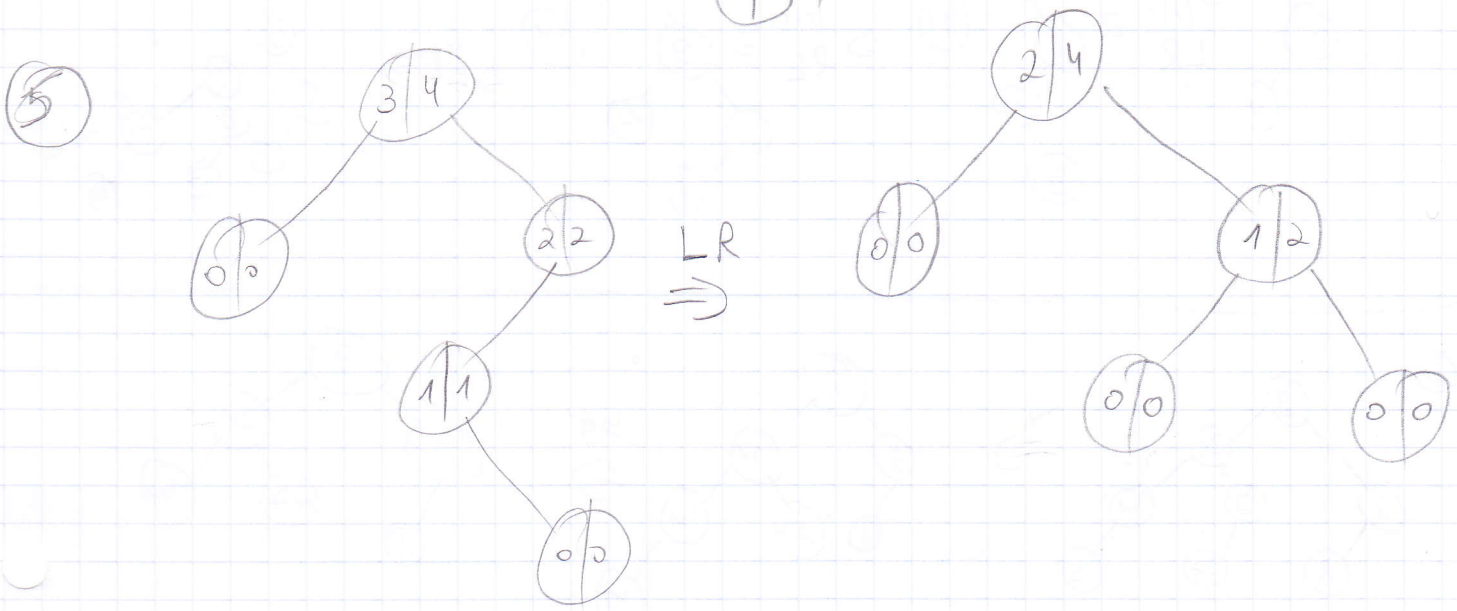
מגיש מעבדה 7
ת.ז. 300965332 יקיר גולן
ת.ז. 039677588 עמית בן-עמי

(5)









300965232 יוסף אלון
039677588 אלעזר רחבי