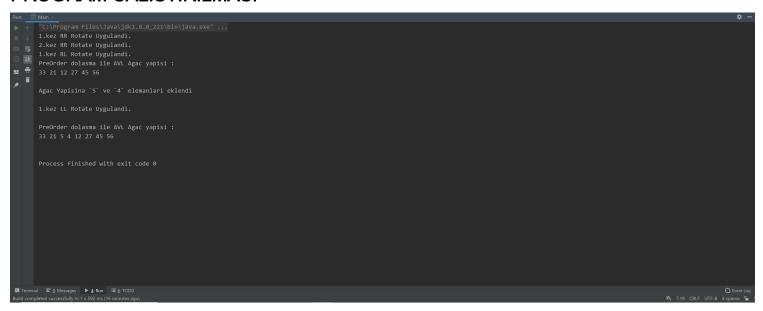
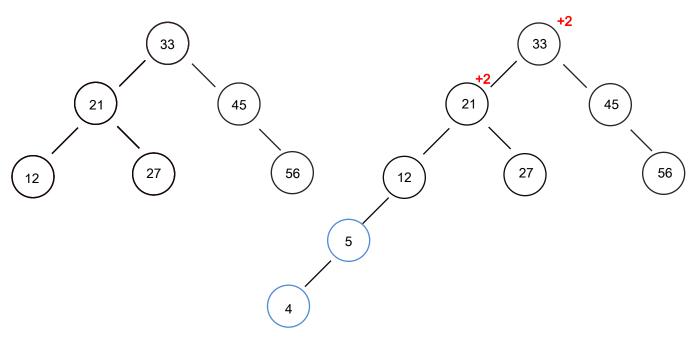
## PROGRAM CALISTIRILMASI

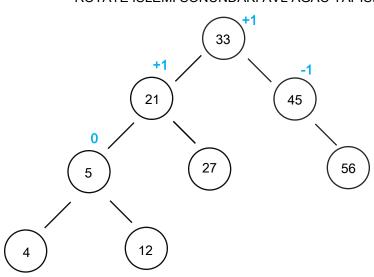


#### ILK DURUMDA AVL AGACIMIZ

#### **ELEMANLAR EKLENINCE AGAC YAPISI**



#### ROTATE ISLEMI SONUNDAKI AVL AGAC YAPISI



## Main Sınıfı

```
agac.kok = agac.ekle(agac.kok, icerik: 12);
agac.kok = agac.ekle(agac.kok, icerik: 33);
agac.kok = agac.ekle(agac.kok, icerik: 45);
agac.kok = agac.ekle(agac.kok, icerik: 56);
agac.kok = agac.ekle(agac.kok, icerik: 57);
 System.out.println("\n");
/* Sonraki Rotate isleminden sonra bu hali alacaktir
Dengeli haldedir.
```

# **Dugum Sınıfı**

### **AVLTree Sinifi**

```
a × © AVLTree.java × © Dugu
       // Maksimum olani dondurme
int max(int a, int b) {
   return (a > b) ? a : b;
               Dugum x = y.sol;
Dugum T2 = x.sag;
                // boyu guncellemek icin
y.boy = max(boy(y.sol), boy(y.sag)) + 1;
x.boy = max(boy(x.sol), boy(x.sag)) + 1;
        Dugum leftRotate(Dugum x) {
               Dugum y = x.sag;
Dugum T2 = y.sol;
       // Denge faktoru hesaplanmasi
int getBalance(Dugum N) {
   if (N == null)
      return 0;
                dugum.sol = ekle(dugum.sol, icerik);
else if (icerik > dugum.icerik)
```