

**FEBRUARY 2020 TARİH BASKILI
FINANCIAL MARKETS INSTUTIONS
DERS KİTABINA İLİŞKİN DÜZELTME CETVELİ**

1- Bölüm 1, sayfa 13'de yer alan Example 1 ve 2 aşağıdaki şekilde düzeltilmiştir;

Example 1: A person invests 20 000 TL for a period of 5 years and earns interest semiannually. The nominal interest rate is 12%. How much will the value of this person's money be in 5 years?

Solution : The interest rate of the period is $12\%/2= 6\%$ and the number of periods is $5*2=10$

$$FV = PV * (1+i)^n$$

$$FV = 20,000 * (1+0.06)^{10}$$

$$FV = \text{TL } 35,816.95$$

Example 2: A person invested in a bank account for a period of 2 years and earned interest every quarter. The nominal interest rate is 12 %. After 4 years, the value of that person's money reached TL 100,000. How much must the person have invested in the bank?

Solution : The interest rate of the period is $12\%/4= 3\%$ and the number of periods is $2*4=8$

$$PV = FV / (1+i)^n$$

$$PV = 100,000 / (1+0.03)^8$$

$$PV = \text{TL } 78,940.92$$