

# Use the decimal type to compute the future value of an investment

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/*
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by Herbert Schildt

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*/
/*
Use the decimal type to compute the future value
of an investment.
*/

using System;

public class FutVal {
public static void Main() {
decimal amount;
decimal rate_of_return;
int years, i;

amount = 1000.0M;
rate_of_return = 0.07M;
years = 10;

Console.WriteLine("Original investment: $" + amount);
Console.WriteLine("Rate of return: " + rate_of_return);
Console.WriteLine("Over " + years + " years");

for(i = 0; i < years; i++) amount = amount + (amount *
rate_of_return); Console.WriteLine("Future value is $" +
amount); } } [/csharp]
```