

INSTITUTO TECNOLÓGICO DE MEXICALI
MATERIA: TÓPICOS AVANZADOS DE PROGRAMACIÓN

CÓDIGO

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;

namespace Prac1
{
    public class Account
    {
        private double balance;

        public Account(double initBalance)
        {
            balance = initBalance;
        }

        public double getBalance()
        {
            return balance;
        }

        public void deposit(double atm)
        {
            balance = balance + atm;
        }

        public void withdraw(double atm)
        {
            balance = balance - atm;
        }
    }
}

namespace Prac1
{
    public class TestAccount
    {
        public static void Main(string[] args)
        {
            Account a = new Account(50.0);
            Console.WriteLine("Balance inicial: " + a.getBalance());
            Console.ReadKey();

            a.deposit(100.00);
            Console.WriteLine("\nBalance con deposito de 100: " + a.getBalance());
            Console.ReadKey();

            a.withdraw(147.00);
            Console.WriteLine("\nBalance con retiro de 147: " + a.getBalance());
            Console.ReadKey();
        }
    }
}
```

DIAGRAMA DE CLASE

