Break 结束循环

continue 进入下一循环

枚举

**enum** Day { Sun, Mon, Tue, Wed, Thu, Fri, Sat };

int x = (int)Day.Sun

//x == 1 = true

public：所有对象都可以访问；

private：对象本身在对象内部可以访问；

protected：只有该类对象及其子类对象可以访问；

internal：同一个程序集的对象可以访问；

protected internal：访问限于当前程序集或派生自包含类的类型。

Switch/when（if/else简化）（模式匹配）

public decimal CalculateToll(object vehicle) => vehicle switch

{ Car c => 2.00m,

Taxi t => 3.50m,

Bus b when ((double)b.Riders / (double)b.Capacity) < 0.50 => 5.00m + 2.00m,

Bus b when ((double)b.Riders / (double)b.Capacity) > 0.90 => 5.00m - 1.00m,

{ } => throw new ArgumentException

(message: "Not a known vehicle type", paramName:nameof(vehicle)),

null => throw new ArgumentNullException(nameof(vehicle))

};

public static bool IsWeekday(DateTime timeOfToll) =>

timeOfToll.DayOfWeek switch

{

DayOfWeek.Saturday => false,

DayOfWeek.Sunday => false, \_ => true

}