

שיעורי בית יסודות מחלקת Chocolate – אופיר הופמן י3

```
class Chocolate
{
    private string brand;
    private enum Type { Milk, Dark, White}; //milk=0, dark=1, white=2
    private Type type;
    private int cocoaPrecantage;
    private int expiryDate; //DDMMYY e.g.: 251222
    private int cubes = 4;
    private int CubesEaten;
    private bool kosher;

    public Chocolate (string brand,int type, int cocoaPrecantage, int expiryDate, bool kosher)
    {
        this.brand = brand;
        this.type = (Type)type;
        this.cocoaPrecantage = cocoaPrecantage;
        this.expiryDate = expiryDate;
        this.kosher = kosher;
    }

    public void Eat(int howManyCubes)
    {
        if (howManyCubes < cubes && howManyCubes > 0)
        {
            this.cubes -= howManyCubes;
            CubesEaten+=howManyCubes;
        }
    }

    public void EatAll()
    {
        this.cubes = 0;
    }

    public int HowManyCubesLeft()
    {
        return this.cubes;
    }

    public int HowManyCubesEaten()
    {
        return CubesEaten;
    }

    public void Draw()
    {
        for (int i = 1; i <= cubes; i++)
        {
            Console.Write("■");
        }
    }

    public void GetValue()
    {
        Console.WriteLine($"Cubes: {this.cubes}, Cocoa precentage: {cocoaPrecantage}.");
    }

    public bool IsKosher()
    {
        return kosher;
    }

    public int GetExpiryDate()
    {
        return expiryDate;
    }
}
```

