

```

using System;

class Program
{
    delegate bool GradesPredicate(double grade);

    static void Main()
    {
        // a) Build an array with random grade values between 5 and 50
        double[] gradesArray = new double[10];
        Random random = new Random();
        for (int i = 0; i < gradesArray.Length; i++)
        {
            gradesArray[i] = random.NextDouble() * (50 - 5) + 5;
        }

        // b) Define the GradesPredicate delegate
        GradesPredicate predicate;

        // c) Define the GradesFilter method
        void GradesFilter(double[] grades, GradesPredicate predicate)
        {
            foreach (double grade in grades)
            {
                if (predicate(grade))
                {
                    Console.WriteLine(grade);
                }
            }
        }

        // d) Lambda expression to filter values greater than or equal to 15
        predicate = (grade) => grade >= 15;

        // Call the GradesFilter method with the lambda expression
        GradesFilter(gradesArray, predicate);
    }
}

```