

Lambda expression used to declare an expression tree

```
using System;
using System.Linq;
using System.Linq.Expressions;

class Program {
    static void Main(string[] args) {
        Expression isOddExpression = i => (i & 1) == 1;
        ParameterExpression param = Expression.Parameter(typeof(int),
            "i");
        Expression isOdd =
            Expression.Lambda(
                Expression.Equal(
                    Expression.And(
                        param,
                        Expression.Constant(1, typeof(int))),
                    Expression.Constant(1, typeof(int))),
                new ParameterExpression[] { param });

        Func isOddCompiledExpression = isOddExpression.Compile();
        for (int i = 0; i < 10; i++) { if (isOddCompiledExpression(i))
            Console.WriteLine(i + " is odd"); else Console.WriteLine(i + "
            is even"); } } [/csharp]
```