**1) c# code to make odd numbers from array to square**

Here's a simple C# program that takes an array of numbers and squares only the odd numbers:

using System;

using System.Linq;

class Program

{

static void Main()

{

int[] numbers = { 1, 2, 3, 4, 5, 6, 7, 8, 9 };

// Square only the odd numbers using LINQ

int[] squaredOdds = numbers.Select(n => n % 2 != 0 ? n \* n : n).ToArray();

Console.WriteLine("Squared odd numbers:");

Console.WriteLine(string.Join(", ", squaredOdds));

}

}

**Explanation:**

* The program defines an array of integers.
* It uses LINQ's .Select() method to iterate over each number.
* If the number is odd (n % 2 != 0), it squares the number; otherwise, it remains unchanged.
* The result is stored in a new array, squaredOdds, and printed to the console.

If you'd like to perform this operation without LINQ, you can use a simple loop:

using System;

class Program

{

static void Main()

{

int[] numbers = { 1, 2, 3, 4, 5, 6, 7, 8, 9 };

for (int i = 0; i < numbers.Length; i++)

{

if (numbers[i] % 2 != 0)

{

numbers[i] \*= numbers[i]; // Square the odd number

}

}

Console.WriteLine("Squared odd numbers:");

Console.WriteLine(string.Join(", ", numbers));

}

}

Would you like to modify this further for a specific use case, such as filtering only squared odd numbers into a separate array? 🚀