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Programming Task 1:

```
public static void main(String[] args) {
    /* Test Cases for Programming Task 1 */
    int[] arr1 = { 2, 7, 11, 15 };
    int[] res1 = sumOfTwoIndices(arr1, target:9);
    System.out.println("(" + res1[0] + ", " + res1[1] + ")");
}

public static int[] sumOfTwoIndices(int[] arr, int target) {
    Map<Integer, Integer> map = new HashMap<>();

    for (int i = 0; i < arr.length; i++) {
        int diff = target - arr[i];
        if (map.containsKey(diff)) {
            return new int[] { map.get(diff), i };
        }
        map.put(arr[i], i);
    }
    return new int[] { -1, -1 };
}
```

Programming Task 1 Results:

```
[Running] cd "/Users/romericodavid/Desktop/OOP/" && javac Classwork_1.java && java Classwork_1
(0, 1)

[Done] exited with code=0 in 0.528 seconds
```

Programming Task 2:

```
public static void main(String[] args) {
    /* Test Cases for Programming Task 2 */
    String[] arr2 = { "flower", "flow", "flight" };
    String res2 = longestCommonPrefix(arr2);
    System.out.println("Longest Common Prefix is: " + res2);
}

public static String longestCommonPrefix(String[] arr){
    String prefix = arr[0];

    for (int i = 1; i < arr.length; i++){
        while (arr[i].indexOf(prefix) != 0) prefix = prefix.substring(beginIndex:0, prefix.length() - 1);
    }
    return prefix;
}
```

Programming Task 2 Results:

```
[Running] cd "/Users/romericodavid/Desktop/OOP/" && javac Classwork_1.java && java Classwork_1
Longest Common Prefix is: fl

[Done] exited with code=0 in 0.402 seconds
```

Answer for question 1:

In pair programming, two developers collaborate, with one writing code and the other providing immediate feedback. In contrast, traditional programming involves the developer working mainly independently which often lead to delayed feedback and longer processing times.

Answer for question 2:

Pair programming can be very effective in improving code quality and expanding your skill sets especially in larger and more complex projects. However, it may not work well when the developers have mismatched skills (or even the same skills), as it can slow down productivity.