

Dart Assignment-1

Code:1

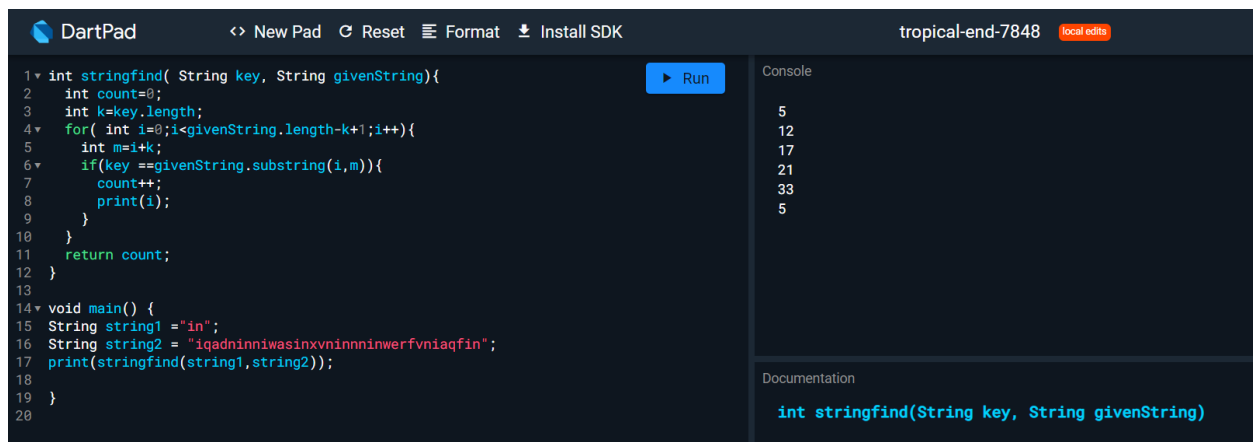


The screenshot shows the DartPad interface with a dark theme. The top bar includes the DartPad logo, navigation icons (New Pad, Reset, Format, Install SDK), and the user identifier 'tropical-end-7848' with a 'local edits' badge. The main editor area contains Dart code for a function `allPairs` that takes a list of integers and a target number, and returns a list of pairs that sum to the target. The code is as follows:

```
1 List<List<int>> allPairs(List<int> allnumbers,int isnumber){
2   List<List<int>> result=[];
3   for( int i=0;i<allnumbers.length;i++){
4     for( int j=i;j<allnumbers.length;j++){
5       if((allnumbers[i]+allnumbers[j])%isnumber==0 && (i!=j)){
6         result.add([allnumbers[i],allnumbers[j]]);
7       }
8     }
9   }
10  }
11  return result;
12 }
13
14 void main() {
15   List<int> numbers=[1,2,3,4,5,6];
16   int isnumber= 5;
17   print(allPairs(numbers,isnumber));
18 }
19
```

A 'Run' button is located to the right of the code. The right sidebar shows the 'Console' output with the result: `[[1, 4], [2, 3], [4, 6]]`. The 'Documentation' tab is also visible but empty.

Code:2



The screenshot shows the DartPad interface with a dark theme. The top bar includes the DartPad logo, navigation icons (New Pad, Reset, Format, Install SDK), and the user identifier 'tropical-end-7848' with a 'local edits' badge. The main editor area contains Dart code for a function `stringfind` that takes a key string and a given string, and returns the count of occurrences of the key in the given string. The code is as follows:

```
1 int stringfind( String key, String givenString){
2   int count=0;
3   int k=key.length;
4   for( int i=0;i<givenString.length-k+1;i++){
5     int m=i+k;
6     if(key ==givenString.substring(i,m)){
7       count++;
8       print(i);
9     }
10  }
11  return count;
12 }
13
14 void main() {
15   String string1 = "in";
16   String string2 = "iqadninniwasinxvinninwerfvniagfin";
17   print(stringfind(string1,string2));
18 }
19
20
```

A 'Run' button is located to the right of the code. The right sidebar shows the 'Console' output with the result: `5`. The 'Documentation' tab is also visible and shows the signature: `int stringfind(String key, String givenString)`.