Question -1 :
—----------

```
void main() {
    List<int> inp = [1,2,3,4,5,6];int givenSum=5;
    highOrder(binarySearch ,inp , givenSum);
}
List<List<int>> binarySearch(List<int> inp , int givenNo){
    List<List<int>> finalList =[];
    for(int i=0;i<inp.length;i++){
        List<int> temp=[];
        for(int j=i+1;j<inp.length;j++){
            if ((inp[i]+inp[j])%givenNo ==0){
                temp.add(inp[i]);
                temp.add(inp[j]);
            }
        }
        if(temp.length>0)
            finalList.add(temp);
    }
    return finalList;
}
void highOrder(Function f , List<int> inp , int givenSum){
    print(f(inp,givenSum));
}
```

Output:
—----------

Terminal

```
[[1, 4], [2, 3], [4, 6]]
```

Question -2 :
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```
void main(){
    String s1 = "in";
    String s2 = "iqadninniwasinxvninnninwerfvniaqfin";
    int i=0;
    Set<int> positions ={};
    while (i<s2.length){

        int index = s2.indexOf(s1,i);
        if (index !=-1)
            positions.add(index);
        i+=1;
    }
    print("positions were given string present ${positions}");
    print("No of occurances ${positions.length}");
}
```

Output:
—----------

```
positions were given string present {5, 12, 17, 21, 33}
No of occurances 5
```