Given an away of integes s nums and an integer target, return Two sum endeces of a numbers such that they add up to target you may assume that each input would have exactly solution, and you may not used some element twice. You can return the answer in any order.

wgic:

- -s intialize a valiable sum to 0
 - -shet the length of away andstore 9+9na vau9able n
 - -s use two tor loops to check every possible paid of number
 - . La The outer loop Eterator through first element (index 120 to
 - 1.) The inner loop stellers through secondeliment (index g=8+1 to n-1).
 - for each pair of elements calculate sum ; sum=nums [i]
 - -> check if sum is equal to target
 - -> if sum = = target, Break the loop 4 return the indices
 - -s if no pair sum matches target. return empty array,

```
class solution {
public int[] twosum (int[] nums, int + asgar)
    int sum=o;
    int n=nums.length;
   for cint i=0; izn; i++) (
       for (int g= i+1;j2n;j++) L
        Sum= nums [i]+ nums[j];
        If csum = = tag et)2
           return new mt[] (1,73)
```

return new int [] {];