```
{ 6, 3, 9, 5, 2, 8} - Pryot & partition
                                Buick Sont
                       Central
                       point
                      we can take pivot us
                       * Random

✓ Median

                                                 0 = Pivot
                        1st element
                        last element
                                    5 2 8
                           5 (2
                        3
                          6st -> Pivot -> Right
                           235689
                             high = 5
                  9 5 2 8 > Pivot
         i=-1 & I will create space for the value which is smaller than pivot Initially we are assuming -1 became of There is
                  no such element.
          9 5 2 (8) → Pivot
6 is smaller then Pirot
so i becomes o and create place for 6
```

```
3 is smaller than Pirot
so i becomes 1 and create place for 3
g is greater then Pirot
so i remains 1 and will not create a Place
so i becomes 2 and create place for 5 and swap the place with 9
2 is smaller than Pirot
so i becomes 3 and create Place for 2
As we placed all the smallest element compared to pirot
so if we increment i proof will find his actual Place
       again Quick
          sont
  worst case > o(n) * worst case occurs when pivot
   Average > 0 (n logn)
                          element
we take the last element as pivot so if our array arranged
 In Ascending on descending order worst case will be happened
              we didn't use
ary entra array
in Buck sont like 1.2,3,4
menge sont
                 1,2,3
```