(Armays sort (am). - sit will sont (in in ouasing order. (2) Arrays-Sort (arr, collections. reverse Order());

Ly will sort the array in decreasing order (3) Arrays. sort (avr., si, ei); It will sort my array in invocenting Order for si (starting Index Itill ei (ending Index)-1; an. 2 10 3 7 12 6 9 4 ~ Arrays. sort (arr, 2, 6); 10/8/6/7/9/12/4 Arrays. sont (arr, o, arr. lunger);

Ly It will sont whole array. Arrays don't (arr)

Lamba Expression (4.1) Arrays. Sort (arr., (a, b) > d

Teturn arb;

It will also sort my array in increasing (a,b) onder axb for arb Eve 4.2) Arrayssort (avr, (a,b) > of return b-a; It will sort my array in decreasing 10 40 20 30 30 Arrays , sort (arr, (a, b) -> of retur a - b! avr = 10/20/30/20/10/40

Question Sort square of array

ans [0,6,-1,4,-3,2]

Symars = [0,36,1,16,9,21]

Sout = [0, 1, 4, 9, 16, 56] X

~ om: 20,-1,2,-3,4,6]

Arrays. Sort (and, (a, b)) of
int squa = ara;
int squa = brab;

met squa = squar b;

June Sout by party. aury All evens in the starting and then sent in increasing order do same for odd no followed by even highest no also in increasing order. Separate even and odd number.

Separate even and odd number. if (arrlyt) 7.2=20)} its abready eventing eventi ant temps an Elefts; and lights; and Exists = temp

6 8 11/10/18 8 10 0 while (left 2 orgat) of
i) (even > left) beft t t', of
elsely (roat road) orgat --', Arrays. sort (aur, or left)?
Arrays. sort (aur, left)
Arrays. sort (aur, left) else ? swap:

4

```
Scanner scn = new Scanner(System.in);
 int n= scn.nextInt();
 int[] arr = new int[n];
 for(int i=0;i<arr.length;i++){</pre>
     arr[i]= scn.nextInt();
 }
 int left =0;
 int right = arr.length-1;
 while(left<right){
     if(arr[left]%2==0){
          left++;
     }else if(arr[right]%2==1){
          right--;
     }else{
          int temp = arr[left];
          arr[left] = arr[right];
          arr[right] = temp;
          right--;
          left++;
Arrays.sort(arr,0,left);
Arrays.sort(arr,left,arr.length);

for(int i-0:
 for(int i=0;i<arr.length;i++){</pre>
     System.out.print(arr[i]+" ");
```

o(n)+ O(nlogn)+o(nlogn)
tc= o(nlogn)