```
Absolute difference.

5-4=1

4-5=1

Always in +re
```

scanner s =

[math abs 7 for finding absolute different]

HW_Find Difference 1

HW_Counting Smaller Numbers in an

```
Array
                                                U=0657
      // take input array
      int result[] = lessThan(arr,n);
      for(){
          Syso(i + " ");
                                                01206
   public static int[] lessThan(int arr[], int n){
      int counts[] = new int[n];
      for(int i = 0; i < n; i++){
          int count = 0;
                                               J=145
         rafor(int j = 0; j < n; j++){
            rif(i != j && arr[j] < arr[i]){
          counts[i] = count;
                                                anti] < anto]
      return counts;
                                                     1287
Court []
```

$$\frac{1}{2}$$
 $\frac{2}{3}$
 $\frac{1}{3}$ $\frac{2}{5}$ $\frac{5}{0}$ $\frac{1}{2}$ $\frac{2}{5}$ $\frac{5}{1}$
 $\frac{1}{3}$ $\frac{2}{5}$ $\frac{5}{1}$
 $\frac{1}{3}$ $\frac{3}{4}$ $\frac{5}{1}$
 $\frac{1}{3}$ $\frac{1}$