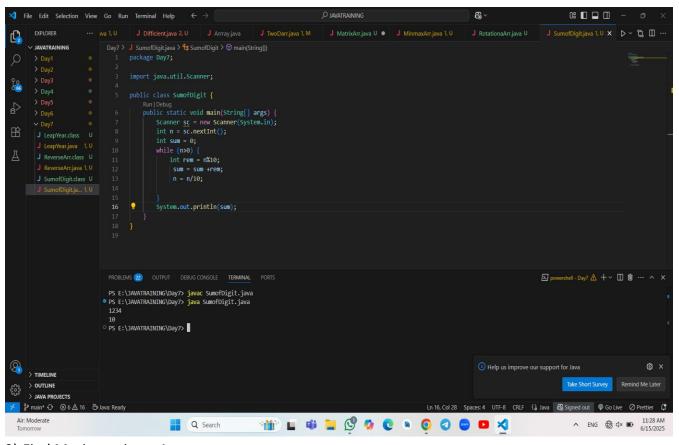
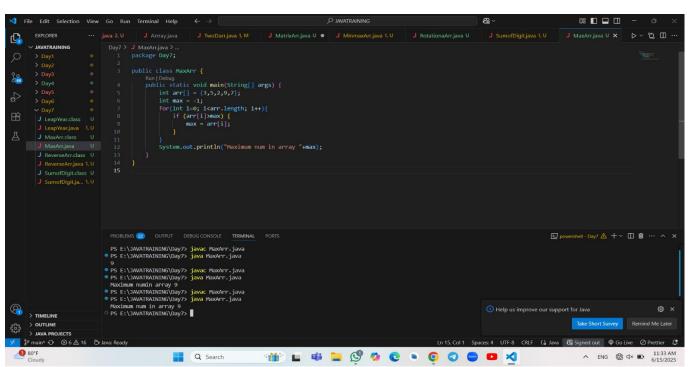
1)Sum of Digits



2) Find Maximum in an Array



3) Check Prime Number

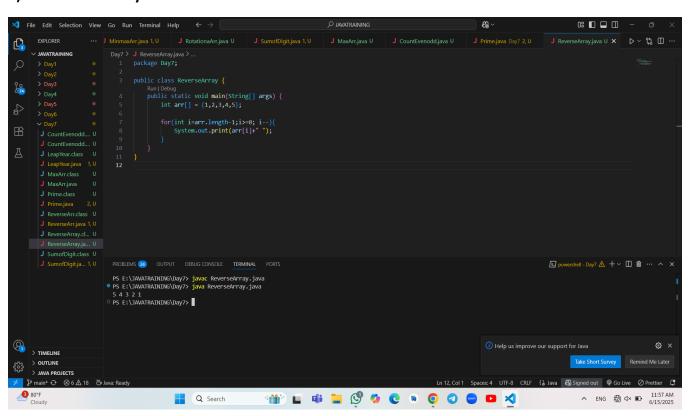
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                                                                                                                                                                 Scanner sc = new Scanner(System.in);
int n = sc.nextInt();
for(int i=2; i<=Math.sqrt(n); i++){</pre>
                                                                                                                                                                    if (n%i==0) {
    System.out.println(x:" Not Prime Number");
    break;
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4) Reverse an Array



5) Count Even and Odd Numbers

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public static void main(string[] args) {

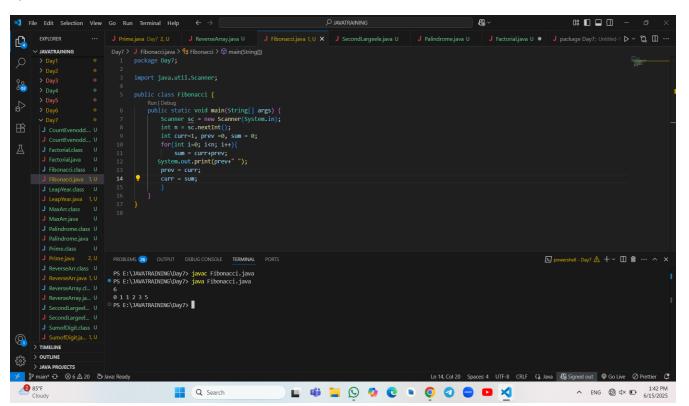
int arr[] = (4,2,7,9,6);
int even=0,0dd = 0;
                                               for(int i=0; i<arr.length; i++){
   if (arr[i]%2=0) {
      even++;
   }else{
      odd++;</pre>
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● PS E:\JAVATRAINING\Day7> java CountEvenodd.java

Even: 3 Odd: 2

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6) Fibonacci Series

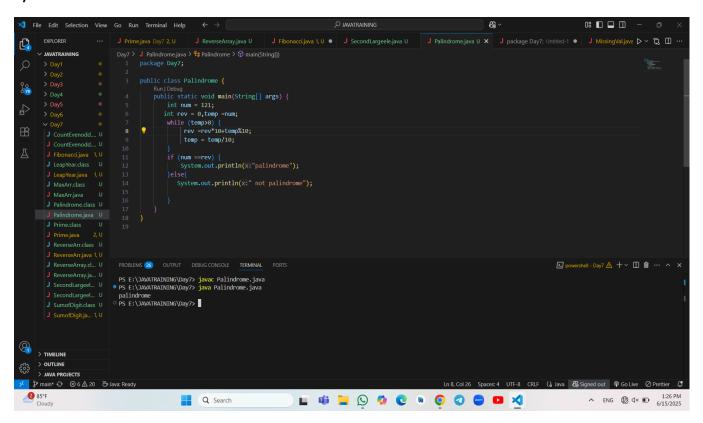


7) Find Second Largest Element

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public static void main(String[] args) {
                                              int arr[]= {10,20,40,30,60};
int max = -1;
                                              int second = -1;
                                              for(int i=0; i<arr.length; i++){
   if (arr[i]>max) {
                                                  max = arr[i];
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                                              for(int i =0; i<arr.length; i++){
    if (arr[i]>second &&arr[i]<max) {
        second= arr[i];</pre>
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8) Check Palindrome Number



9) Sort an Array (Bubble Sort)

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public static void main(string[] args) {
   int arr[] = {5,3,8,2,1};
                                             for(int i=0; ixarr.length-1; i++){
  for(int j = 0; jxarr.length-1; j++){
    if (arr[j]>arr[j+1]) {
      int temp = arr[j];
      arr[j! = arr[j+1];
      arr[j+1] = temp;
}

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10) Find Factorial Using Loop

