WEEK 3/4 ASSIGMENT

1. public static void main(String[] args) {  
             
   int[] ages = {3, 9, 23, 64, 2, 8, 28, 93};  
    //System.out.println(ages.length);  
     
   int f = 0;  
   int l = 0;  
   int result = 0 ;  
   //System.out.println(ages[7]);  
     
   for (int i = 0; i < ages.length; i++) {  
         
       if (i == 7) {  
       
       }else   
       {  
             
       f = ages[0];  
       l = ages[i];  
         
       result = l - f;  
         
       }  
       
   }  
     
   System.out.println("Result point a: " + result);

ArrayList<Integer> ages2 = new ArrayList<Integer>();  
    ages2.add(3);  
    ages2.add(4);  
    ages2.add(5);  
    ages2.add(6);  
    System.out.println(ages2);  
  
    for (int i = 0; i < ages2.size(); i++) {  
      
     if (i == 7) {  
    
    }else   
           
    {  
          
    f = ages2.get(0);  
    l = ages2.get(i);  
      
    result = l - f;  
      
    }  
      
      
    }  
System.out.println(result);  
  
    }

1. How do you access the last element of any array?

Answer :Get the first element of ArrayList with use of get(index) method by passing index = 0.

1. How do you access the first element of any array?

Answer : Get the last element of ArrayList with use of **get(index) method by passing index = size – 1**

|  |
| --- |
| int[] nameLengths = new int[names.length]; |
|  |

|  |
| --- |
| for (int i = 0; i < names.length; i++) { |
|  |

nameLengths[i] = names[i].length();

|  |
| --- |
| 1. sum = 0; |
|  |

|  |
| --- |
| for (int i = 0; i < nameLengths.length; i++) { |
|  |

|  |
| --- |
| sum += nameLengths[i]; |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| System.out.println("The sum of all lengths in nameLengths[] = " + sum); |
|  |

7.