

## PRACTICE 16

1. Input ten elements and Find second smallest element?
2. Initialize five elements randomly with 0 or 1. Count how many of them are zero and how many are one.
3. Initialize five elements randomly with 0, 1 or 2. Check and print which one of them have same value. Like:  
First and fourth are same  
Third and fifth are same
4. Input five elements and print difference of each element with every other element.  
Element 1 23  
Elements 2 15  
Element 3: 29  
Element 4: 10  
Element 5: 40  
Difference of Element 1: 8 6 13 17  
Difference of Element 2: 8, 14 5 25  
Difference of Element 3: 6 14 19 11  
Difference of Element 4: 13 5 19 30  
Difference of Element 5: 17 25 11 30
5. Input an integer. Run a loop from 2 to the integer, check and print numbers completely divides the input integer.  
Input: 24  
24 is divisible by 2  
24 is divisible by 3  
24 is divisible by 4  
24 is divisible by 6  
24 is divisible by 8  
24 is divisible by 12  
24 is divisible by 24