

Write a function that takes as arguments an array of integers and the size of that array and returns the minimum element in the array. The function has the following header:

```
int minimum(int arr[], int size) {  
    // the solution  
  
    if(size <= 0)  
        throw string("Invalid size.");  
  
    int min = arr[0];  
    for(int i = 1; i < size; i++) {  
        if(min > arr[i])  
            min = arr[i];  
    }  
  
    return min;  
}
```