Find the minimum element in int Array.

This question is not directly asked in interview. But this question's fundamentals must be clear as it has many applications.

examples where finding min is used.

Find 2 minimum numbers

Sorting.

Finding min in array is very easy task.

Assume that first number in array is min.

Now iterate in array.

If next number is greater than current min then change the min as current number.

do this till end of array

min=a[0]

for i=1 to a.length

if(min>a[i]){

min=a[i];

}

}

return min

Below is the code.

**public** **static** **int** min(**final** **int**... a) {

*validate*(a);

**if** (a.length == 0) {

**return** Integer.***MAX\_VALUE***;

}

**int** min = a[0];

**for** (**int** i = 1; i < a.length; i++) {

**if** (min > a[i]) {

min = a[i];

}

}

**return** min;

}