**Ans 1:** We can use window.name to store information,This is known as Javascript Session. But there is disadvantage that this session will persist only in that tab.

Another way iss if we are using modern html5 browser then we can use local storage capabilities & session storage of HTML5.

**Ans 2:** We can use Javascript functions like

var numbers = [1,5,12,39,44,-120,11];

Math.max.apply(null, numbers) // 4

Math.min.apply(null, numbers) // 1

or if we are doing it in backend we can use Ruby function max or min.

or if we wanted to write our own logic then

int max = array[0];

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

if (array[i] > max) {

max = array[i];

}

}

**Ans 3:** input\_s = 'aBcEfG'

output\_s = ''

s\_arr = s.split('')

s\_arr.each do |char|

if char.is\_upper?

output\_s = output\_s += char.downcase

end

if char.is\_lower?

output\_s = output\_s += char.upcase

end

end

class String

def is\_upper?

self == self.upcase

end

def is\_lower?

self == self.downcase

end

end

**Ans 5 :** Simply use Ruby array.flatten

[0, [[[[[1, [2]]]]], 3], [4, [5]]].flatten

**Ans 7**: Personally i feel Angular 2 or 4 is bit typical as compared to React.Their are many reasons

1. React is a small view library which is easy to learn and implement but Angular is full framework which is quite confusing at times.

2. Angular is easily scalable due to its design and CLI, Where as React seems to be testing friendly.

3. Angular has free open source license but React has patent clause and limited license.

4. Angular needs more development time then React due to typical syntaxes.

5. Angular is itself bit heavy in size so it takes longer time to load on mobile as compared to React.

At last i would say that if you wanted to have a limited application then we can use React, But if you wanted to have extensive UI based Framework then Angular is right choice.