

# INF600A-20 Quiz formatif no. 3

## 9 octobre 2018

Donnez la valeur qui sera affichée par irb pour chacune des expressions.

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### 1. Opérations sur des Arrays

```
>> a = Array.new(2) { [] }
=> [ [], [] ]

>> a << [1]
=> [ [], [], [1] ]

>> a + [2, 3]
=> [ [], [], [1], 2, 3 ]

>> a
=> [ [], [], [1] ]

>> a[2] << 4 << 5
=> [1, 4, 5]

>> a
=> [ [], [], [1, 4, 5] ]

>> a[0] << [6]
=> [[6]]

>> a.first
=> [[6]]

>> a[4] = :abc
=> :abc

>> a.last
=> :abc

>> a
=> [[ [6] ], [], [1, 4, 5], nil, :abc]
```

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### 2. Opérations sur des Hashes

```
>> h = Hash.new
=> {}

>> h[:ab] += 1
=> NoMethodError: undefined method '+'
for nil:NilClass...

>> h.default = 99
=> 99

>> h[:cd] += 2
=> 101

>> h.merge( { :fg => 3 } )
=> { :cd=>101, :fg=>3 }

>> h
=> { :cd=>101 }

>> h.merge!( { :xy: 3 } )
=> { :cd=>101, :xy=>3 }

>> h.each_key { |k| puts k }
cd
xy
=> { :cd=>101, :xy=>3 }
```