

COMP 3123 – Full Stack Development – Lab 1

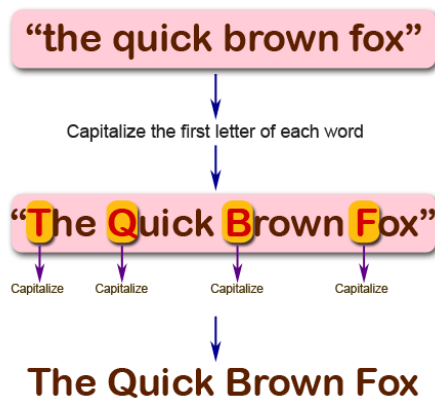
- JavaScript Refresher Exercises

Developer Note:

- Answer any 4 of the JavaScript exercises below
- Try to solve the problems without using search engines or stack overflow for the solutions.

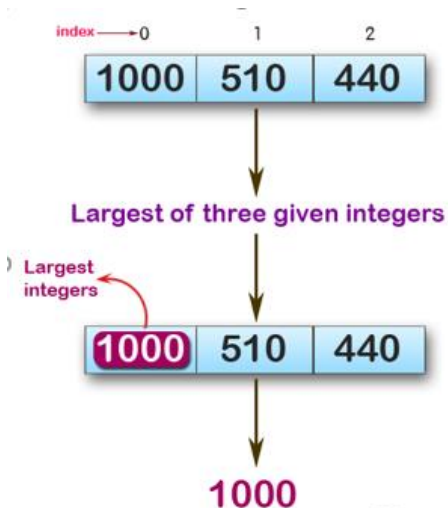
Exercise 1:

Write a JavaScript program to capitalize the first letter of each word of a given string.



Exercise 2:

Write a JavaScript program to find the largest of three given integers.



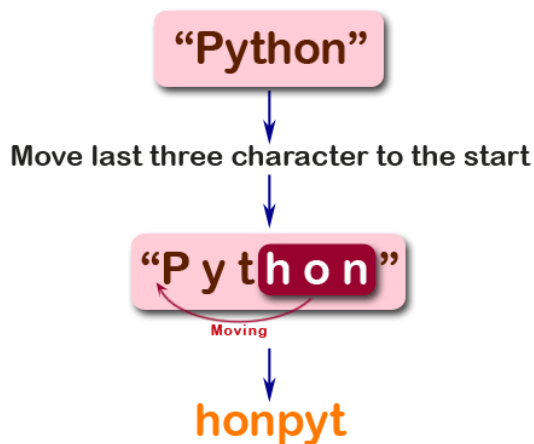
```
console.log(max (1,0,1));  
console.log(max (0,-10,-20));  
console.log(max (1000,510,440));
```

Sample Output:

```
1  
0  
100
```

Exercise 3:

Write a JavaScript program to move last three character to the start of a given string. The string length must be greater or equal to three.



```
console.log(right("Python"));  
console.log(right("JavaScript"));  
console.log(right("Hi"));
```

Sample Output:

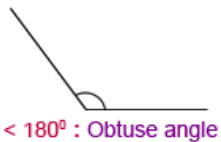
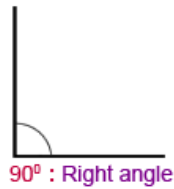
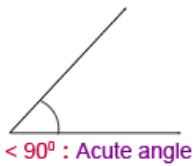
```
honPyt  
iptJavaScr  
Hi
```

Exercise 4:

Write a JavaScript program to find the types of a given angle.

Types of angles:

- Acute angle: An angle between 0 and 90 degrees.
- Right angle: An 90 degree angle.
- Obtuse angle: An angle between 90 and 180 degrees.
- Straight angle: A 180 degree angle.



```
console.log(angle_Type(47))  
console.log(angle_Type(90))  
console.log(angle_Type(145))  
console.log(angle_Type(180))
```

Sample Output:

Acute angle

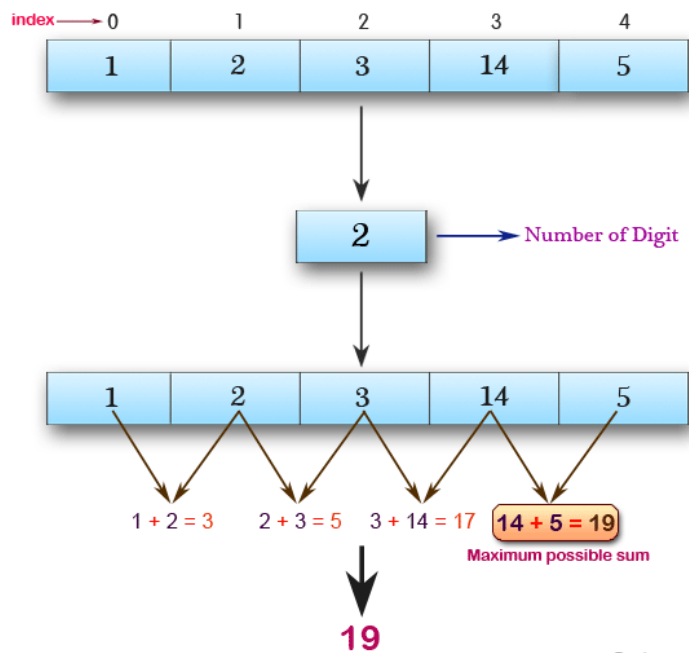
Right angle

Obtuse angle

Straight angle

Exercise 5:

Write a JavaScript program to find the maximum possible sum of some of its k consecutive numbers (numbers that follow each other in order.) of a given array of positive integers.



```
console.log(array_max_sum([1, 2, 3, 14, 5], 2))
console.log(array_max_sum([2, 3, 5, 1, 6], 3))
console.log(array_max_sum([9, 3, 5, 1, 7], 2))
```

Sample Output:

19

12

12