

# Sameer Ali – Group 6

## Homework Part 1 – 31<sup>st</sup> Oct 2018

Write a JavaScript program that will calculate area of Circle.

TIP:  $\text{area} = \pi * r^2$

### Solution:

```
var circleRadial = 4;  
var circleArea = Math.PI * circleRadial ** 2;  
circleArea;
```

## Homework Part 2 – 31<sup>st</sup> Oct 2018

Write JavaScript that will calculate the price of 30 Phones, where the price of one phone is \$119.95 and the tax rate is 5%.

### Solution:

```
var phonesQuantity = 30, phonePrice = 119.95, taxRate = 5;  
var totalPhonesPrice = (phonesQuantity * phonePrice) + (((phonesQuantity * phonePrice) / 100) * taxRate);  
totalPhonesPrice;
```