

## ACTIVITY\_2

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### Pseudocode

Write a Pseudocode for these problems.

1.  $S = (A + B + C) / Y$

Step 1 : Start

Step 2 : Read values of A,B,C and Y

Step 3 :  $S = A + B + C$

Step 4 :  $A = S / Y$

Step 5 : Write value of A

Step 6 : Stop

2. Convert from Celsius to Fahrenheit (Multiply by 9, then divide by 5, then add 32 )

Step 1 : Start

Step 2 : Get a Celsius value

Step 3 :  $Fahrenheit = Celsius * 9$

Step 4 :  $Fahrenheit = (Celsius * 9) / 5$

Step 5 :  $Fahrenheit = (Celsius * 9) / 5 + 32$

Step 6 : Write the value of Fahrenheit

Step 7 : Stop

### 3. Area of Circle ( $A = \pi r^2$ )

Step 1 : Start

Step 2 : Declare the area A , radius r,p variable

Step 3 : Assign the value of  $p=3.14$

Step 4 : Read the value of r

Step 5 :  $A = (p) * (r * r)$

Step 6 : Write the value of A

Step 7 : Stop

### 4. Volume of Sphere ( $\frac{4}{3} \pi r^3$ )

Step 1 : Start

Step 2 : Declare the radius r,p,A variable

Step 3 : Assign the value of  $p=3.14$

Step 4 : Read the value of r

Step 5 :  $A = (\frac{4}{3}) * (p) * (r * r * r)$

Step 6 : Write the value of A

Step 7 : Stop

### 5. Average speed = *Distance Traveled / Time Take*

Step 1 : Start

Step 2 : Declare the Distance travelled d,Time taken t,AS variable

Step 3 : Read the value of d and t

Step 4 :  $AS = d/t$

Step 5 : Write the value of AS

Step 6 : Stop