# 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 = 𝜋𝑟 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 ( 4/3 𝜋𝑟 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= (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