

Assignment – 3

27-02-2023

(Operators & Command Line Argument)

- Q1. Convert the temperature readings given in degree Fahrenheit to degree Celsius, using the given formula : $C = (5/9) * (F - 32)$
Test these values in degree Fahrenheit using command line argument: 68, 150, 212, 0, -22, -200.
2. Calculate the volume and surface area of a sphere using the following formula:
 $V = 4/3 \pi r^3$ $A = 4 \pi r^2$ $\pi = 3.14159$
Test the program using command line argument for the given radius: 1, 6, 12.2, 0.2.
- Q3. WAP in JAVA to find the smaller and greater number among two numbers read from command line argument using **ternary operator**.
- Q4. Write a program to show the use of ++, -- and different assignment operators.
- Q5. WAP to observe the difference between – and ~ operators.