

Assignment – 3
(Operators and Command line argument)
24-01-2024

Q1. Convert the temperature readings given in degree Fahrenheit to degree Celsius, using the following formula :

$$C = (5/9) * (F - 32)$$

Test these values in degree Fahrenheit using CLA: 68, 150, 212, 0, -22, -200.

Q2. Calculate the volume and surface area of a sphere using the following formula: $V = \frac{4}{3} \pi r^3$ $A = 4 \pi r^2$
 $\pi = 3.14159$

Test the program using CLA 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 CLA 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.