Assignment – 3
(Operators & CMD)

Q1.

a.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 CMD: 68, 150, 212, 0, -22, -200.

b. Convert the obtained Celsius values into Fahrenheit values using proper formula

Q2. 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 CMD for the given radius: 1, 6, 12.2,0.2.

3. WAP in JAVA to find the smaller and greater number among two numbers read from CMD using ternary operator.