**­Experiment 5**

**AIM:**

Creating a vector X with elements, Xn = (-1)n+1/(2n-1) and adding up 100 elements of the vector, X; And, plotting the functions, x, x3, ex, exp(x2) over the interval 0 < x < 4 (by choosing appropriate mesh values for x to obtain smooth curves), on A Rectangular Plot

**Code and Output:**

A screenshot of a computer

Description automatically generated

**Variables:**

A screenshot of a computer

Description automatically generated