

```
F:\NumericalMethod\Lab1.exe x + v
Enter the value of X_0 and X_1 initial guesses:- 0 2
Enter tolerance error:- 0.01

Iteration      X_0      X_1      X_2      f(X2)
1              0.000000  2.000000  1.000000  -1.000000
2              1.000000  2.000000  1.500000  -0.250000
3              1.500000  2.000000  1.750000  0.312500
4              1.500000  1.750000  1.625000  0.015625
5              1.500000  1.625000  1.562500  -0.121094
6              1.562500  1.625000  1.593750  -0.053711
7              1.593750  1.625000  1.609375  -0.019287
8              1.609375  1.625000  1.617188  -0.001892
-----
Process exited after 8.879 seconds with return value 0
Press any key to continue . . . |
```

**Fig: - Output of Bisection method.**