Function:

Precision:

|  |  |  |
| --- | --- | --- |
| **Method** | **Root** | **No. of iterations** |
| Bisection | 2.7314331054687497 | 13 |
| Regula falsi | 2.73138362228866 | 5 |
| Secant | 2.731403782137669 | 5 |
| Tangent | 2.7314037035051872 | 3 |

Conclusion:

1. Newton tangent method even if is most complicated from all four gives most precise result in shortest time