This paper was devoted to study the error behaviour of the solutions for Fredholm and Volterra integral equations of the secondkind using Collocation and Galerkin methods at N=3:100. This paper started with an introduction to show the related work. Inaddition, we presented the analysis of the numerical methods which we used. Under certain conditions, Banach's fixed point theoremwas used to prove the existence and uniqueness for the error integral equation. We presented a comparison between the maximumand minimum errors obtained by Collocation and Galerkin methods. Moreover, some applications were given to satisfy our study.Results were represented in groups of tables and figures.