

| **Branch/Semester** | BSc. IT (Cloud & Application Development) / II |
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| **Subject Name:** | Version Control |
| **Subject Code:** | 05CA0206 |
| **Assignment:** | Assignment No. 2 (Git branching) |
| **Date:** | 29th January 2025 |
| **Faculty Name:** | Prof. Abhishek Chauhan |

| **1.** | Branches in a Nutshell, Basics branching and Merging, Branch management, branching workflows, Remote branches |
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| **2.** | Rebasing, navigating the git documentation, fixing mistakes with Amend, ignoring with git ignoring |
| **3.** | Master branch and looking at the HEAD, viewing all branches, Git checkout and Git switch. Intro to merging. |
| **4.** | Creating a new branch switching branches, git switch, merging branches and deleting branches. |
| **5.** | Making a new branch management includes listing branches (git branch), viewing branch history and identifying the current branch. |
| **6.** | Amending the last commit to include additional changes or edit commit messages. |
| **7.** | Creating a gitignore file to specify files or directories Git should ignore (e.g. logs, temporary files). |
| **8.** | Viewing all branches to see both local and remote branches. |
| **9.** | Merge the file and merging changes from one branch into another using git merge. |