Name: Mrunal Vaidya
Roll : 68

XIE ID: 202003060
Batch: C

Experiment 2

Aim: To understand Version Control System / Source Code Management, install git and create a GitHub account.

Theory:

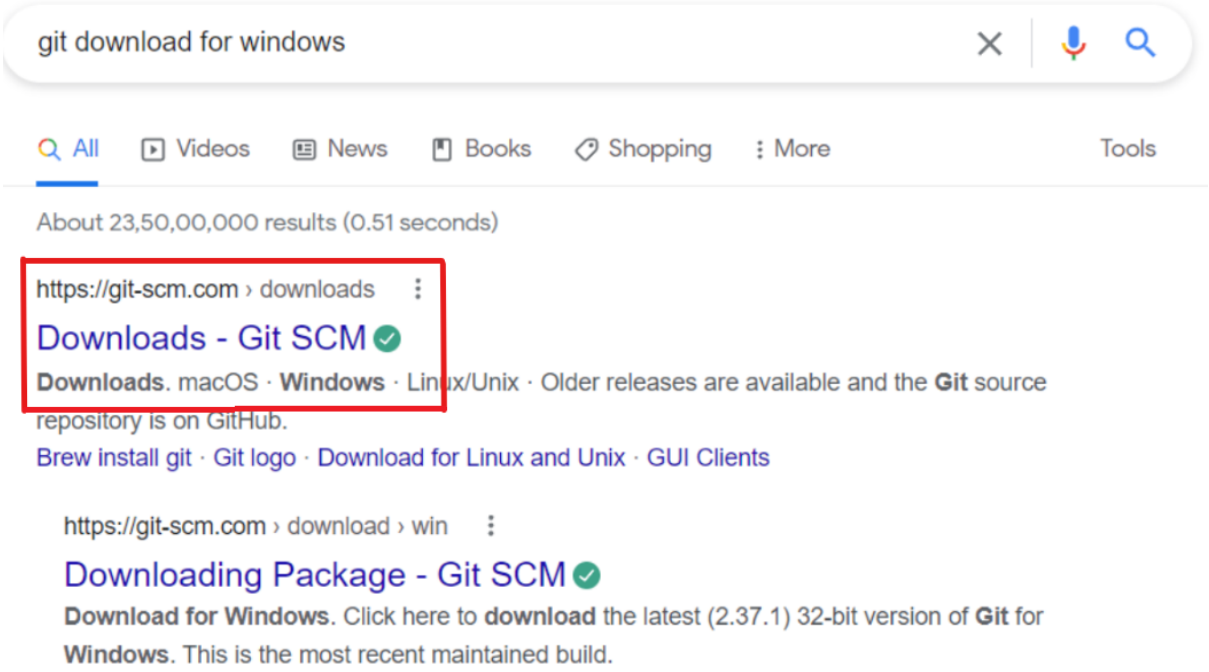
Version Control System / Source Code Management:

Version control, also known as source control, is the practice of tracking and managing changes to software code. Version control systems are software tools that help software teams manage changes to source code over time. As development environments have accelerated, version control systems help software teams work faster and smarter. They are especially useful for DevOps teams since they help them to reduce development time and increase successful deployments.

Version control software keeps track of every modification to the code in a special kind of database. If a mistake is made, developers can turn back the clock and compare earlier versions of the code to help fix the mistake while minimising disruption to all team members.

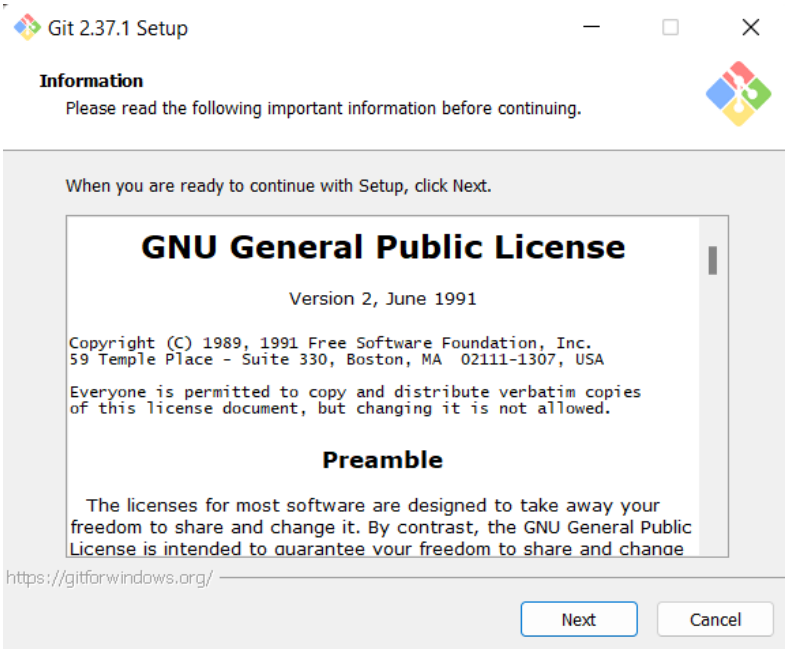
Output:

Installing Git:



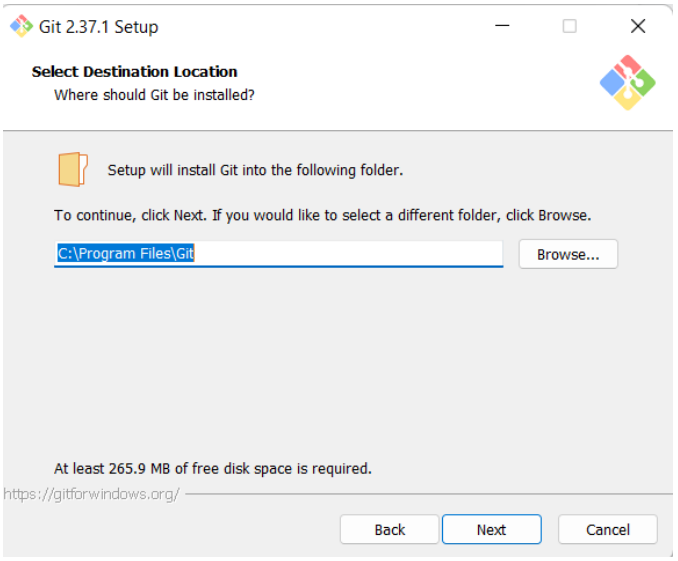
Name: Mrunal Vaidya
Roll : 68

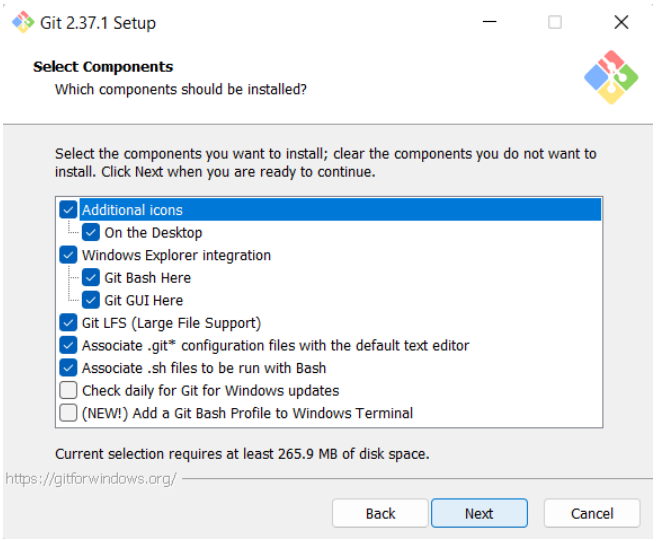
XIE ID: 202003060
Batch: C

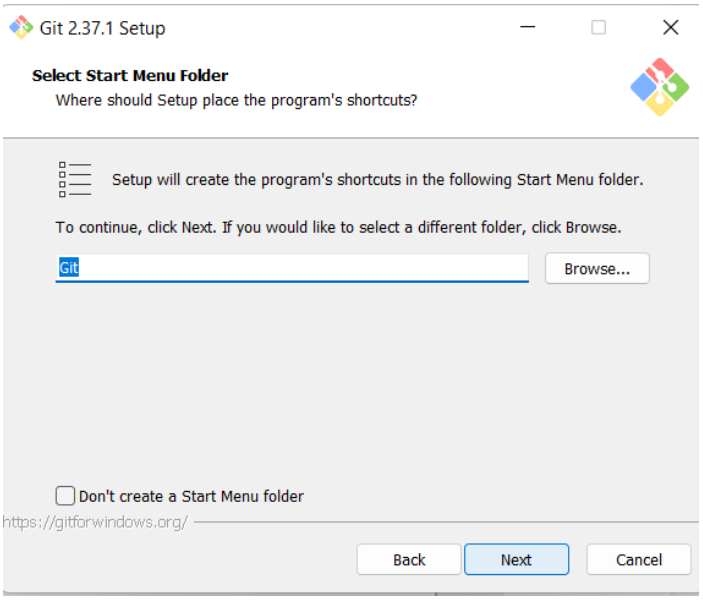


Name: Mrunal Vaidya
Roll : 68

XIE ID: 202003060
Batch: C

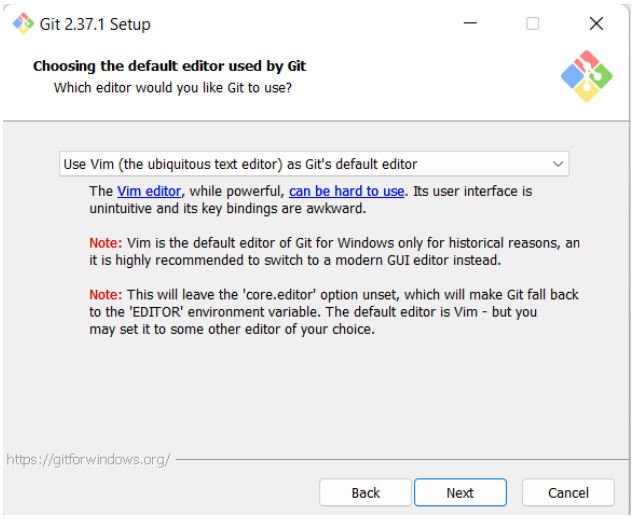


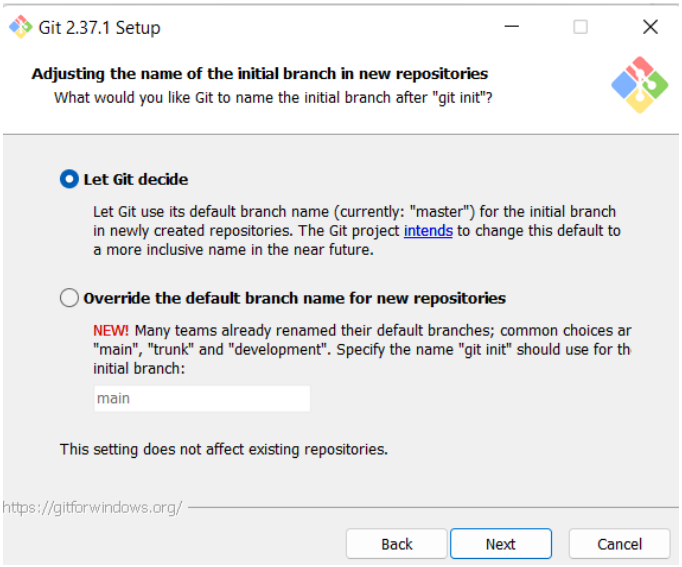


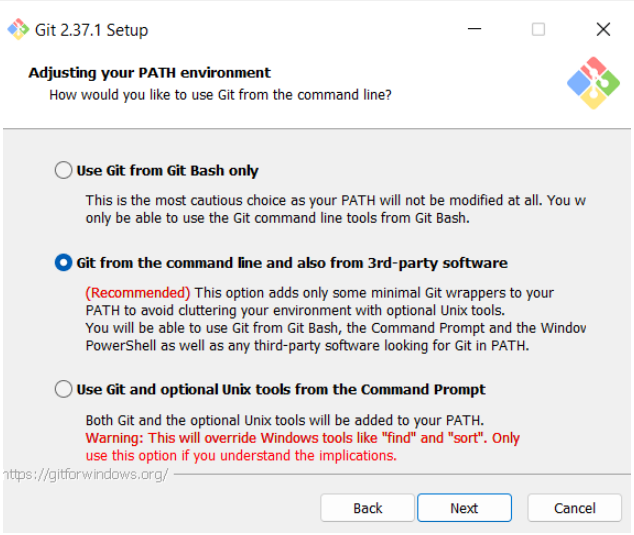


Name: Mrunal Vaidya
Roll : 68

XIE ID: 202003060
Batch: C

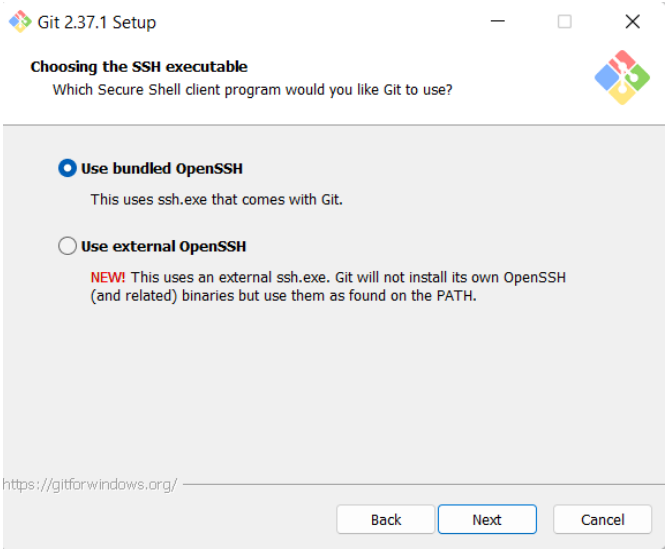


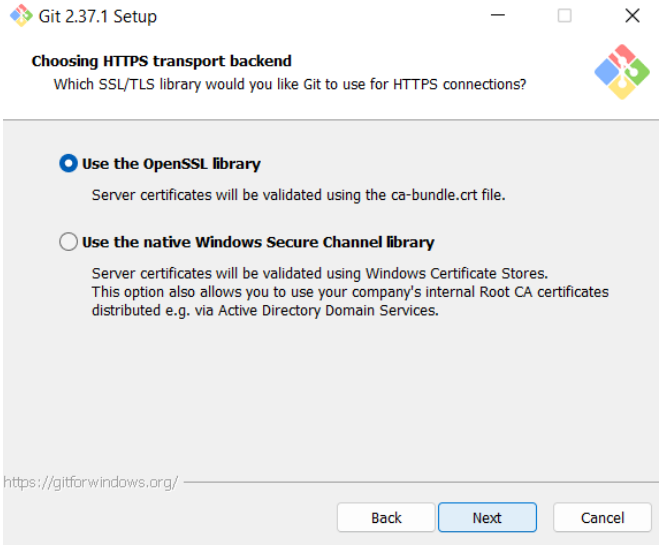




Name: Mrunal Vaidya
Roll : 68

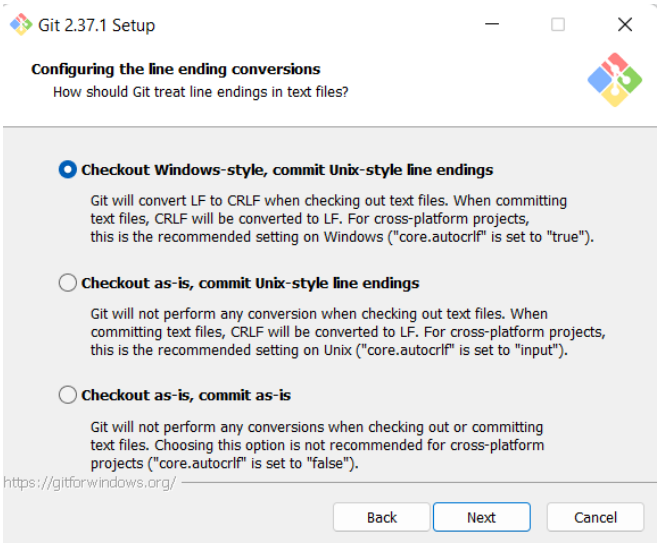
XIE ID: 202003060
Batch: C

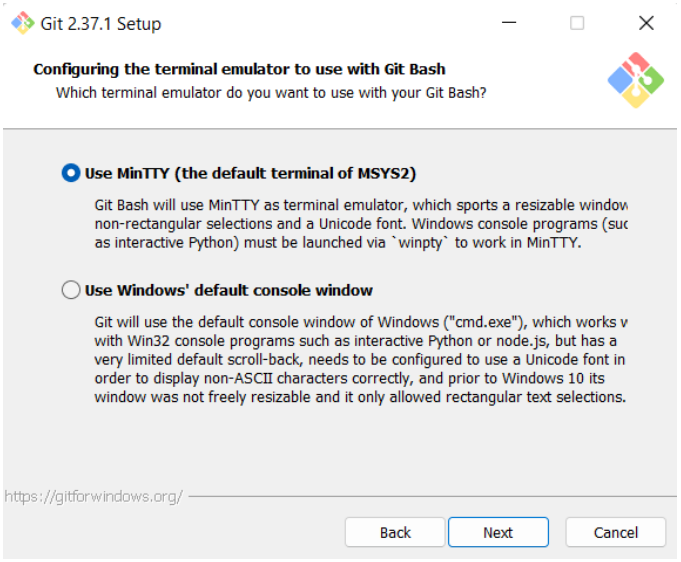


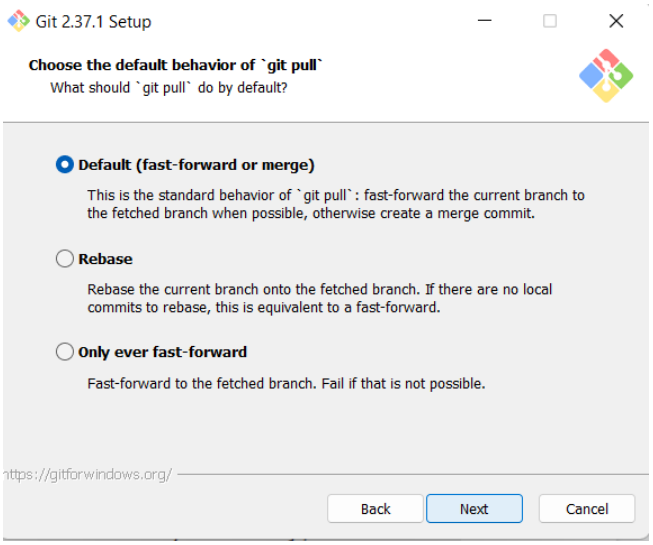


Name: Mrunal Vaidya
Roll : 68

XIE ID: 202003060
Batch: C

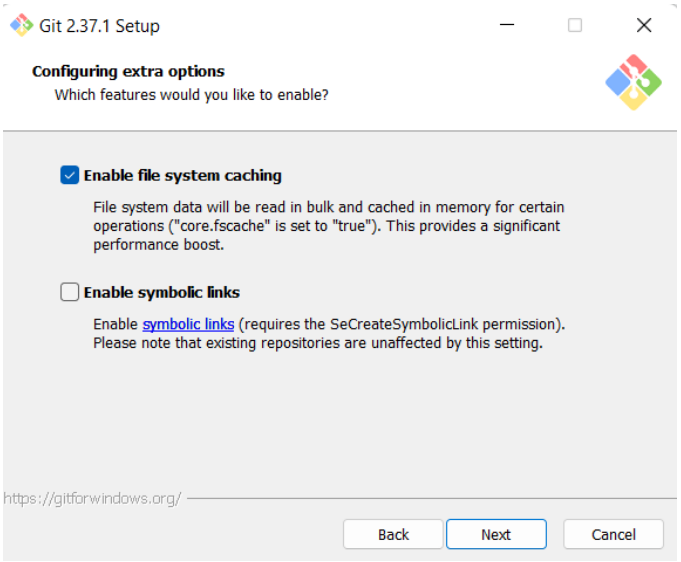


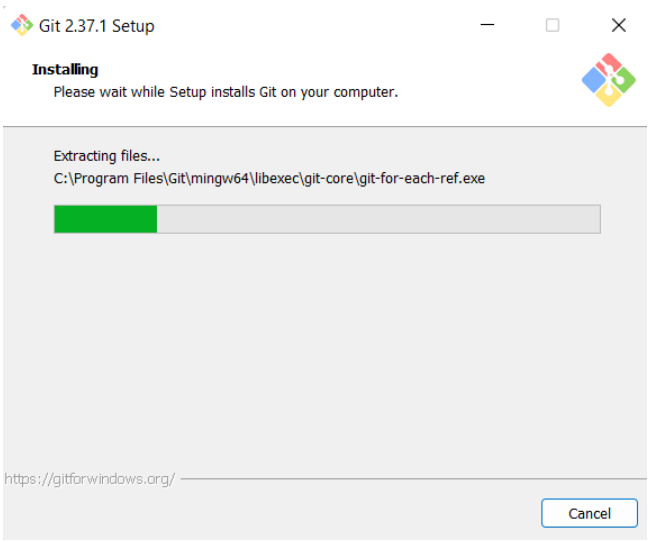


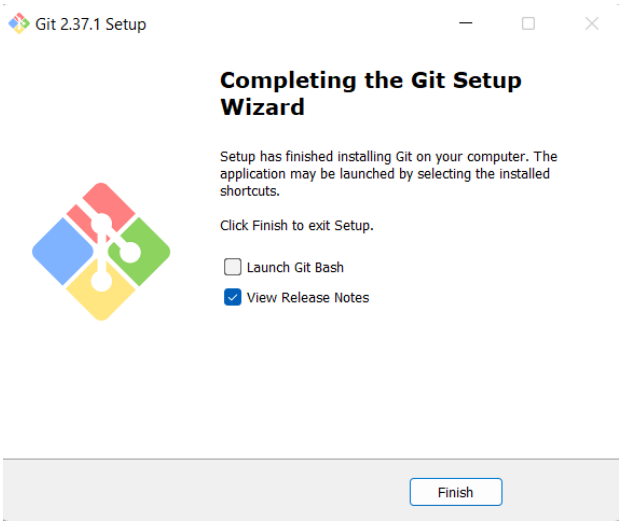


Name: Mrunal Vaidya
Roll : 68

XIE ID: 202003060
Batch: C



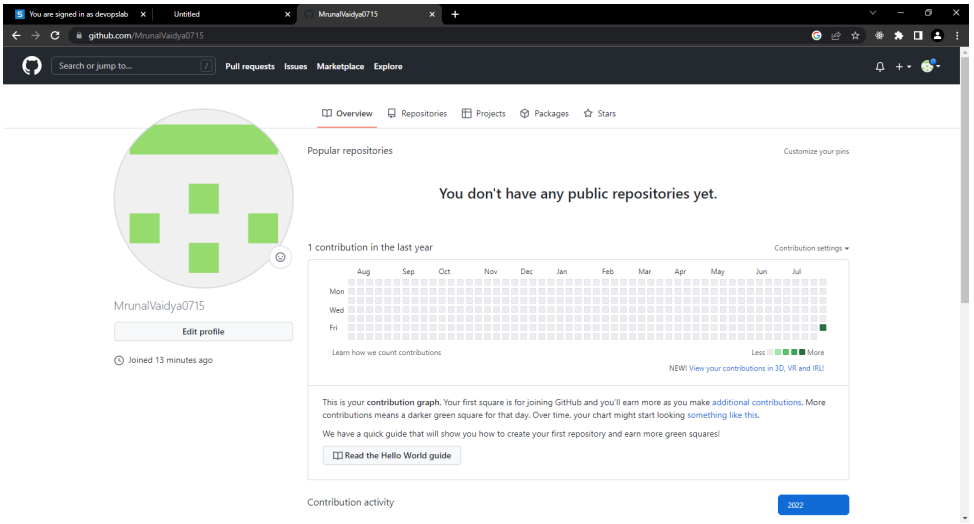




Creating Github Account:

Name: Mrunal Vaidya
Roll : 68

XIE ID: 202003060
Batch: C



Conclusion:

From the above experiment, the concept of the Version Control System is understood. Also, the installation of Git and Github Account creation was done successfully.And hence, with this experiment we have achieved the Lab Outcome two (LO2).

POs Achieved: PO1, PO5, PO12.