1. **Install Jenkins:** <https://jenkins.io/download/>

A screenshot of a cell phone

Description automatically generated

1. **Creating Jenkins jobs:**

A screenshot of a social media post

Description automatically generated

[Jenkins – Job creation]

1. **Project1:** This is a simple perl script that runs from the repository.

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[Jenkins – Build runs for Project 1]

A screenshot of a cell phone

Description automatically generated

[Jenkins – Console output for Project1]

**Upload code to run from GitHub:** The URL is specified in the Repository URL within Source Code Management tab.

A screenshot of a social media post

Description automatically generated

[Jenkins - Git repository URL to run the Perl script]

1. **Project2:** This is a python code to reverse a given string. It is automated through Jenkins by cloning the Git repository.

A screenshot of a cell phone

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[Jenkins - Path to run the Python script from local machine]

A screenshot of a social media post

Description automatically generated

[Jenkins - Console output for reversing a string for Project2]