Write following Java programs

1. Write a program to reverse a string without using inbuilt reverse methods.
2. Write a program to find number occurrence of a character in a string.

Write Test automation the following features using selenium webdriver:

1. Login feature in [www.gmail.com](http://www.gmail.com/)
2. Goto [www.cleartrip.com](http://www.cleartrip.com/) .Click ‘Hotels’ side bar. Write test automation script to test the ‘Search hotel’ functionality  (only search hotel feature. Not the entire booking)

Instruction for Selenium Test:

1. Open Eclipse and Create a Workspace in C:/<YourName>
2. Create a new java project in that workspace with the name <YourName>\_Project
3. All the Jar files are available in C:/Jar folder. You can import necessary Jar folders from here
4. If you like to download any jar files from internet, please contact the Interview coordinator and get it
5. Understand the given scenarios correctly
6. Find good test cases to test the feature
7. Automate with best suitable framework
8. Implement necessary checkpoints/verifications/validations
9. We like to see how you are able to do write test automation, to identify bugs. You need to write script for postive & negative scenarios for the given features.