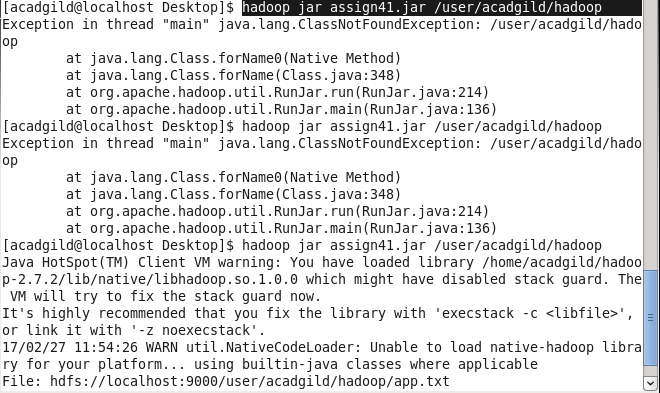
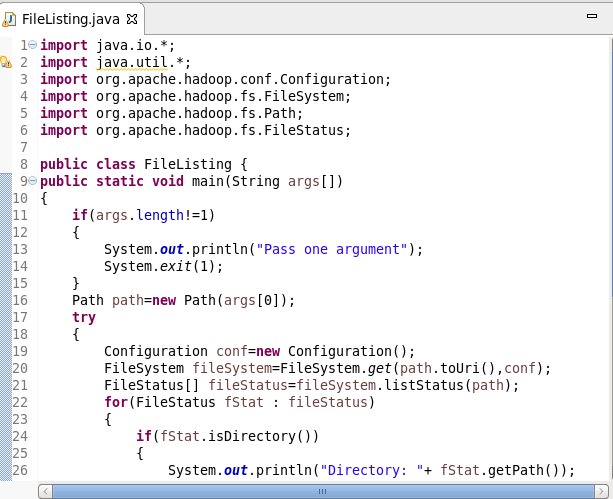
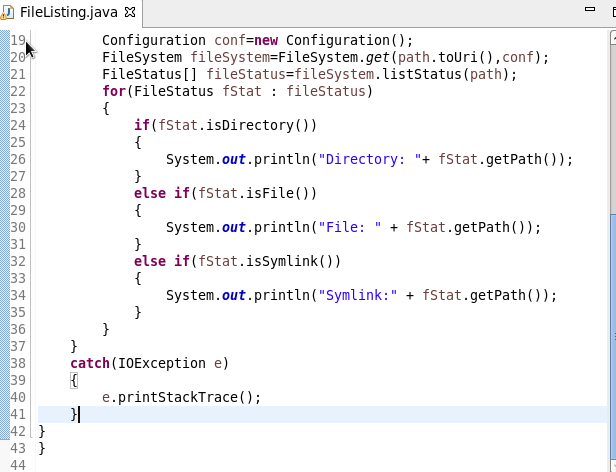
1)

Problem 1)

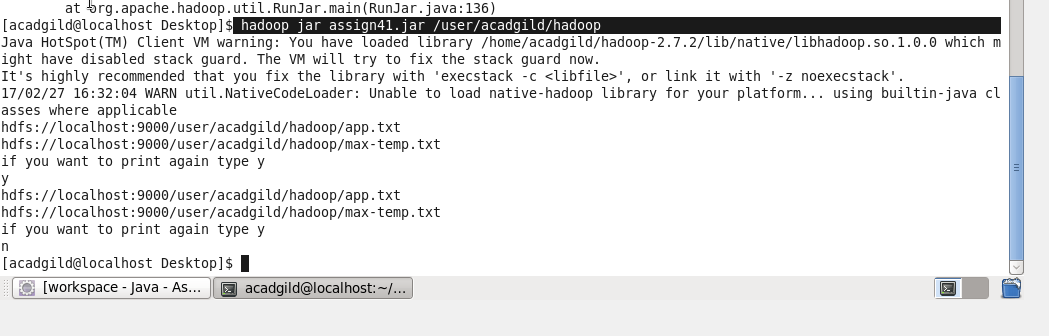


Code:

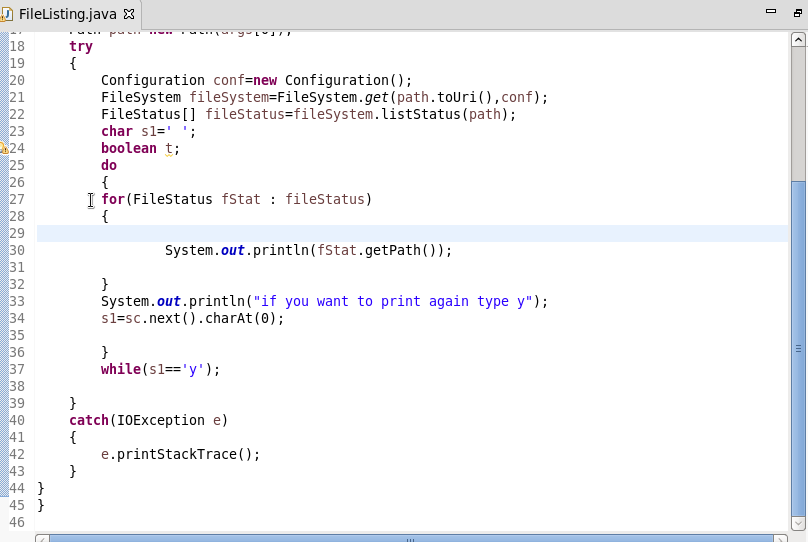
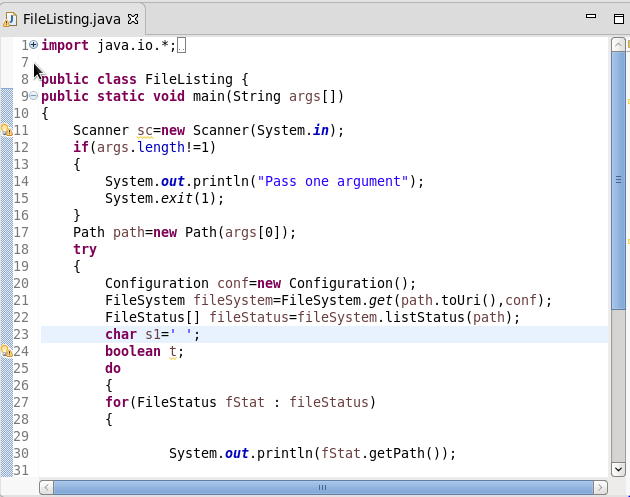




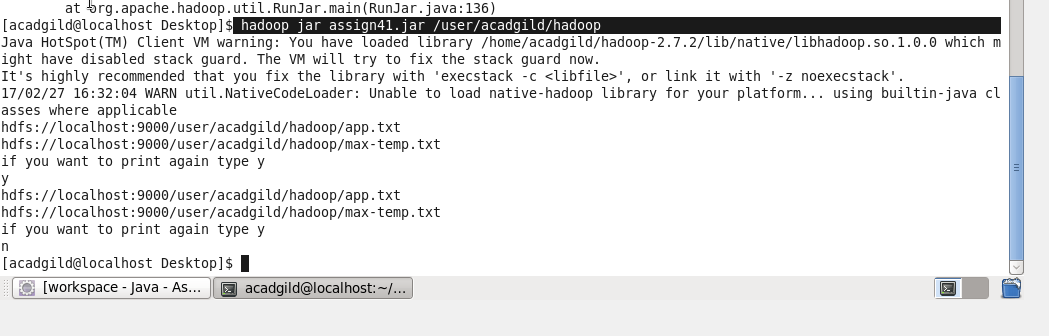
Problem 2)



Code:



Problem 3)



Code:

