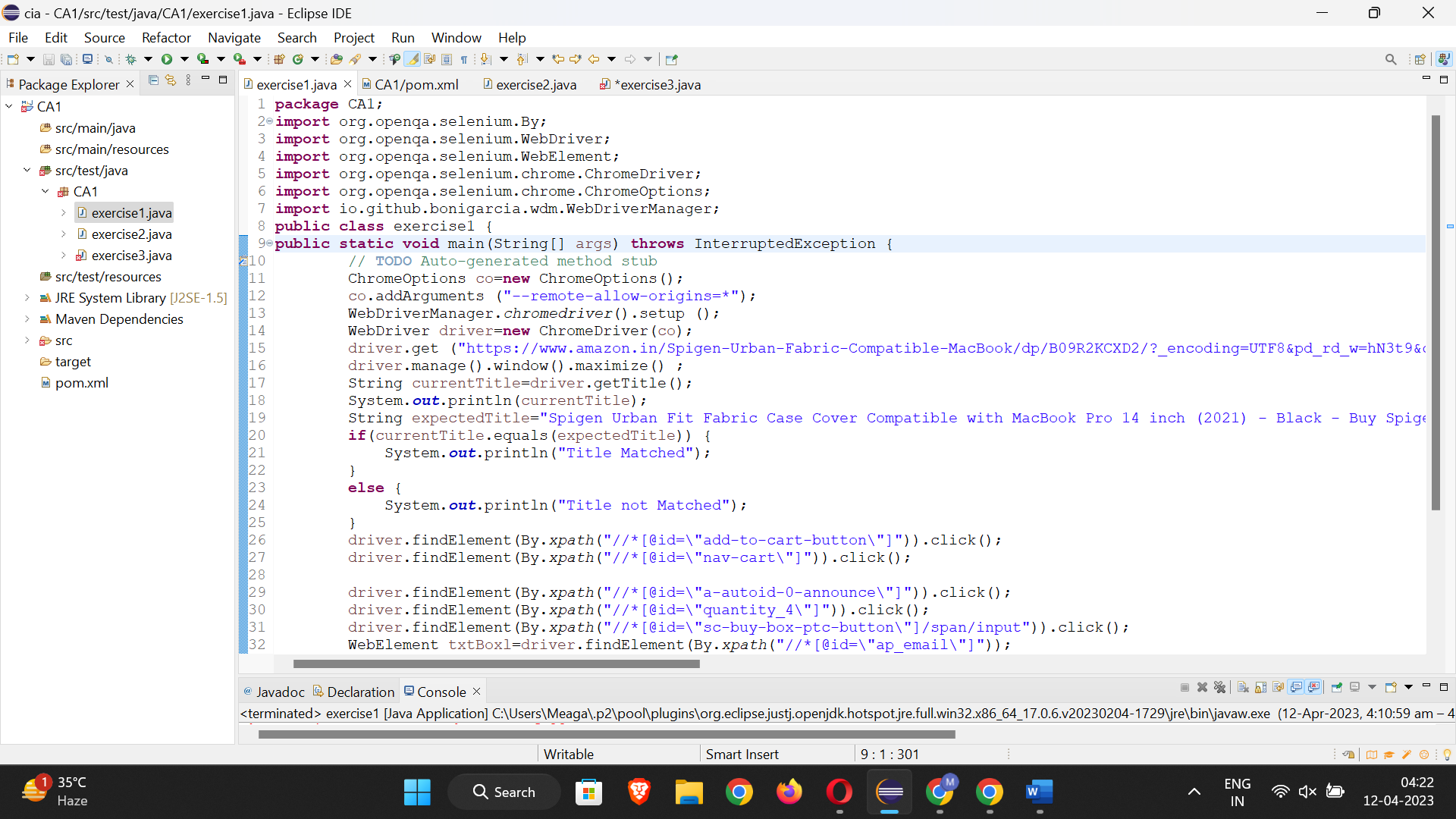
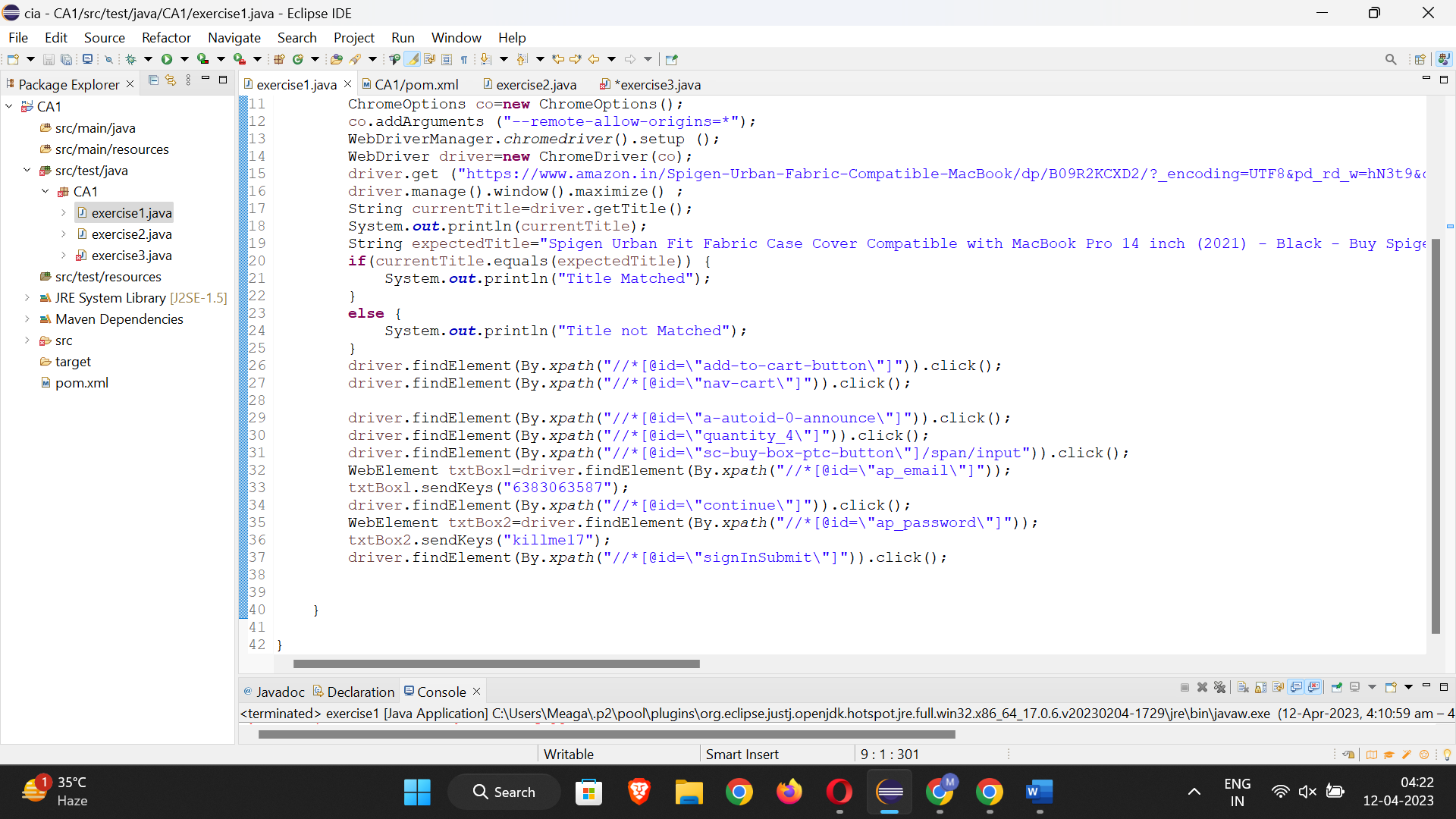
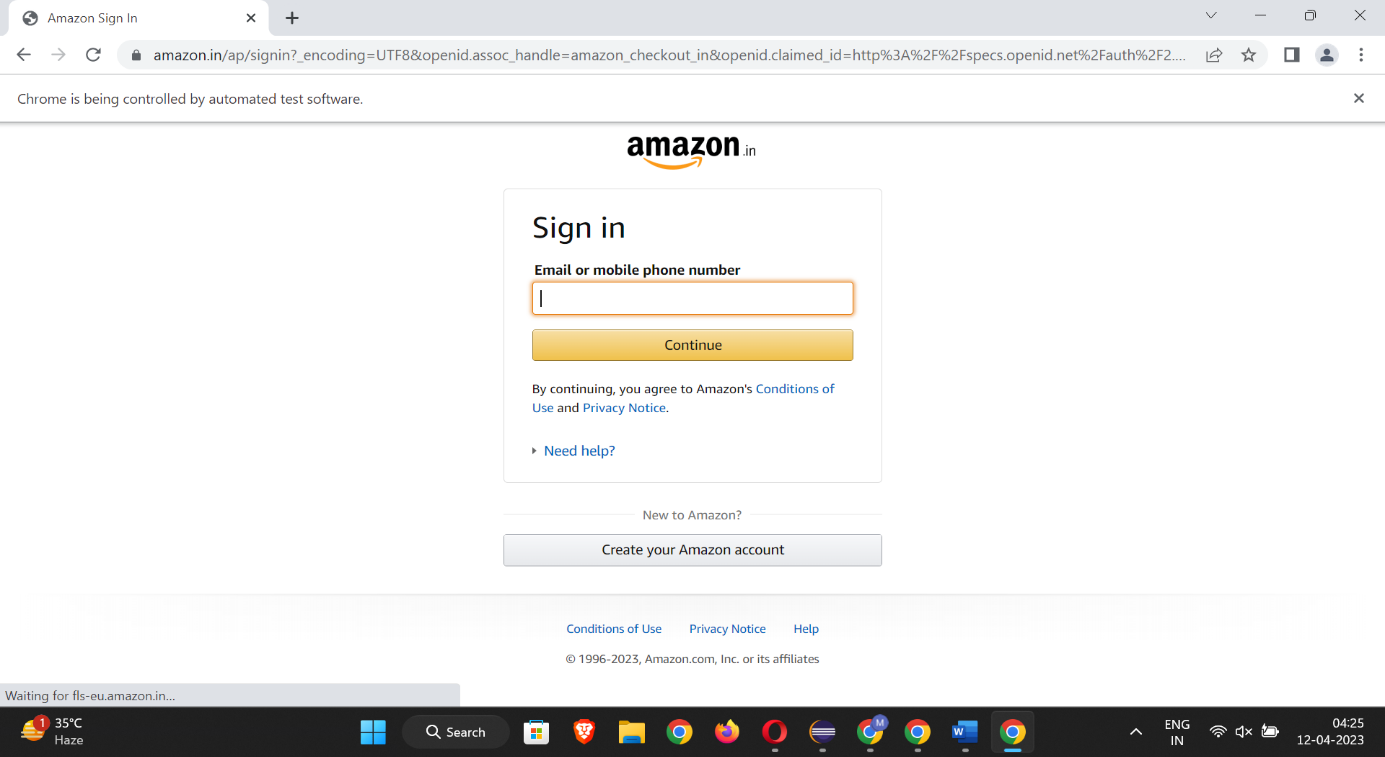
QUESTION 1

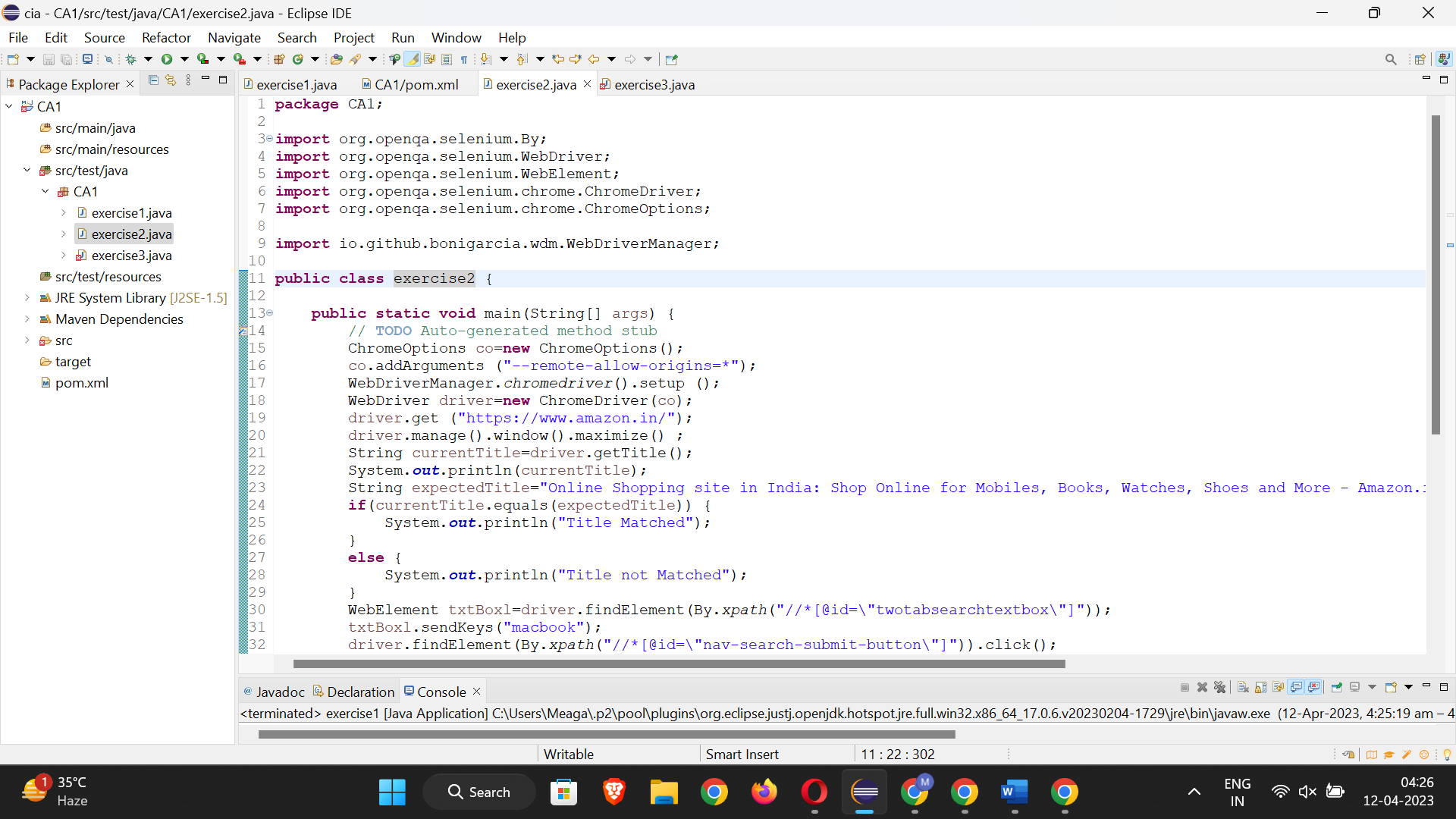


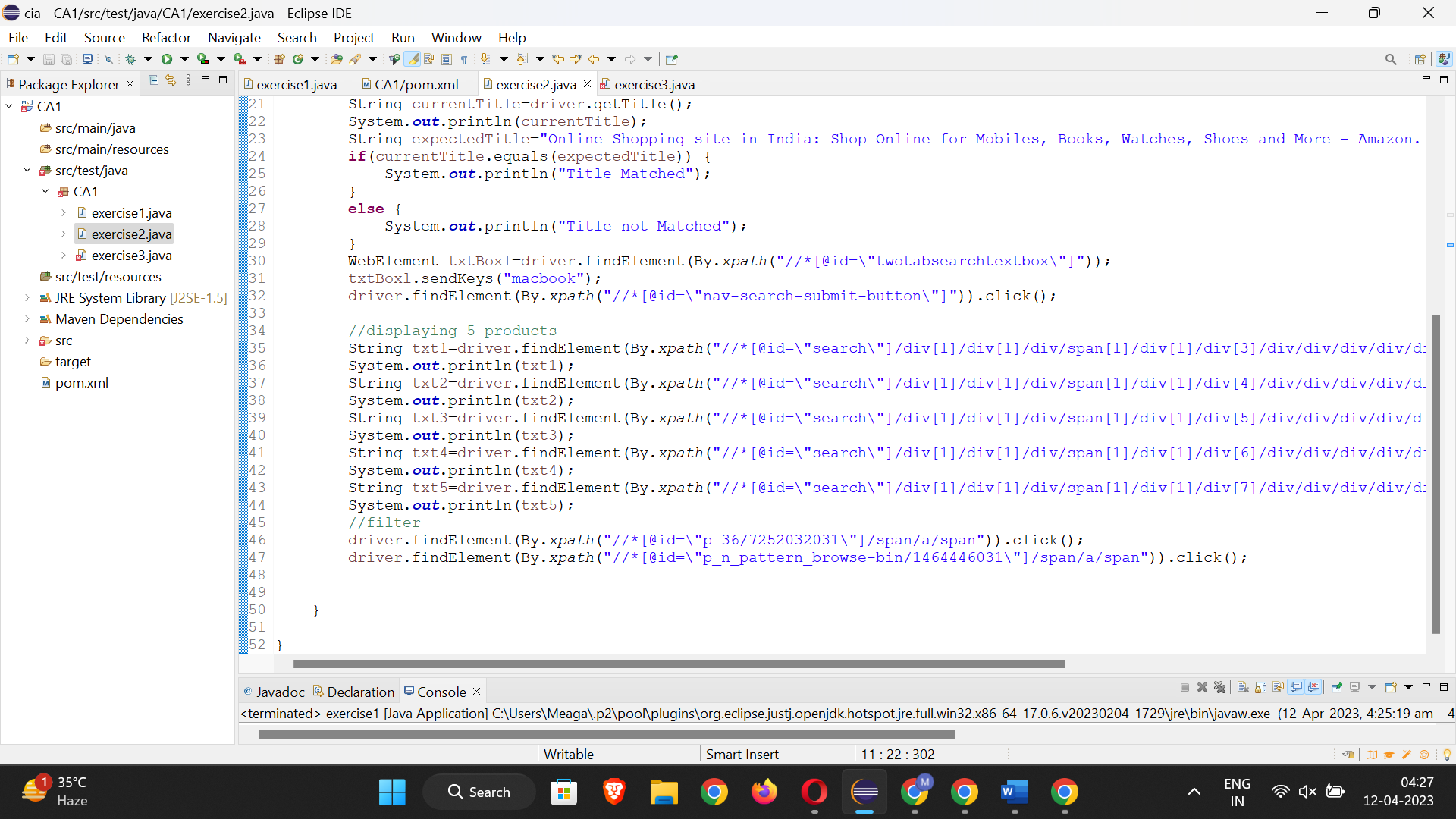


OUTPUT:

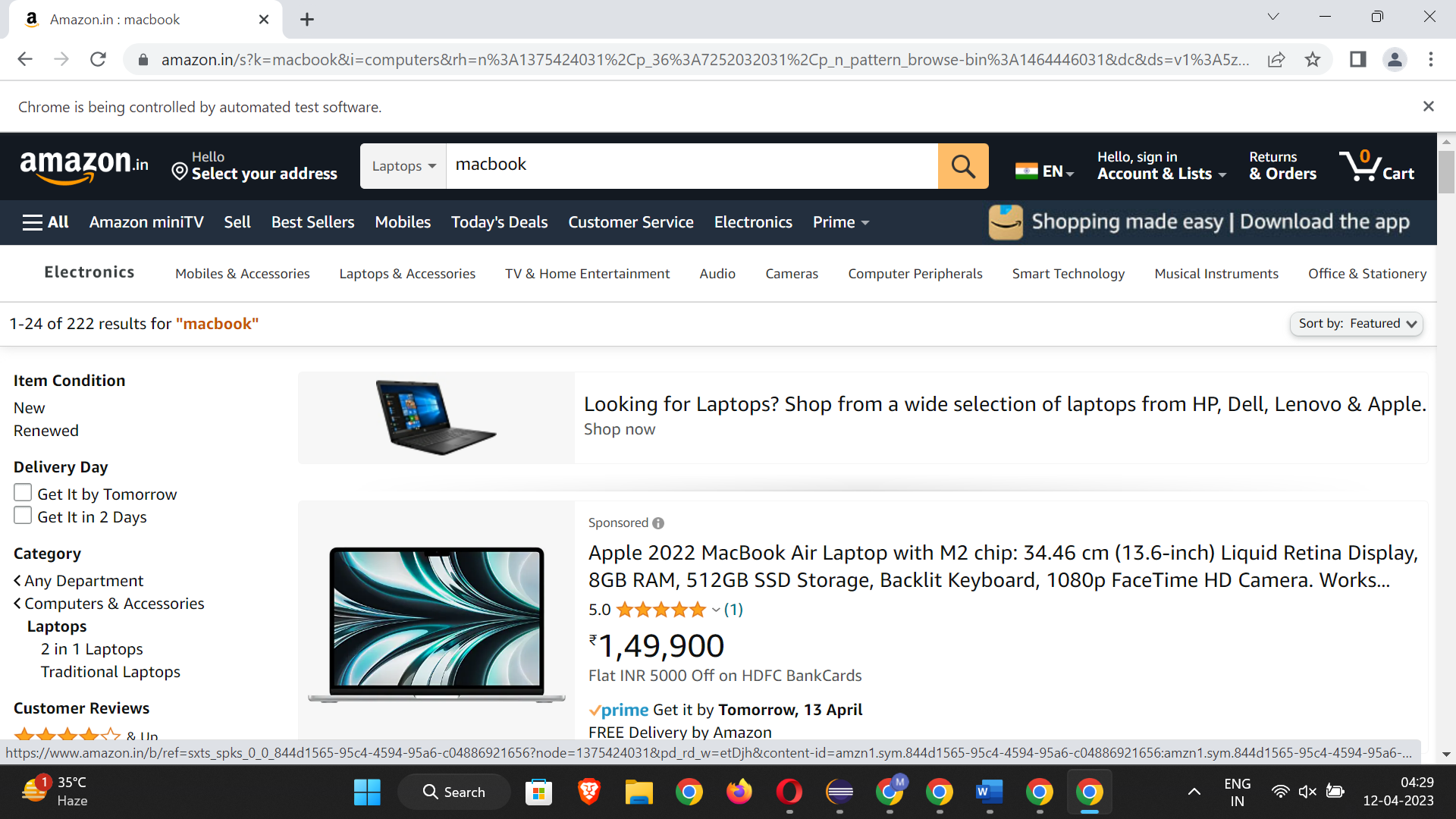


QUESTION 2

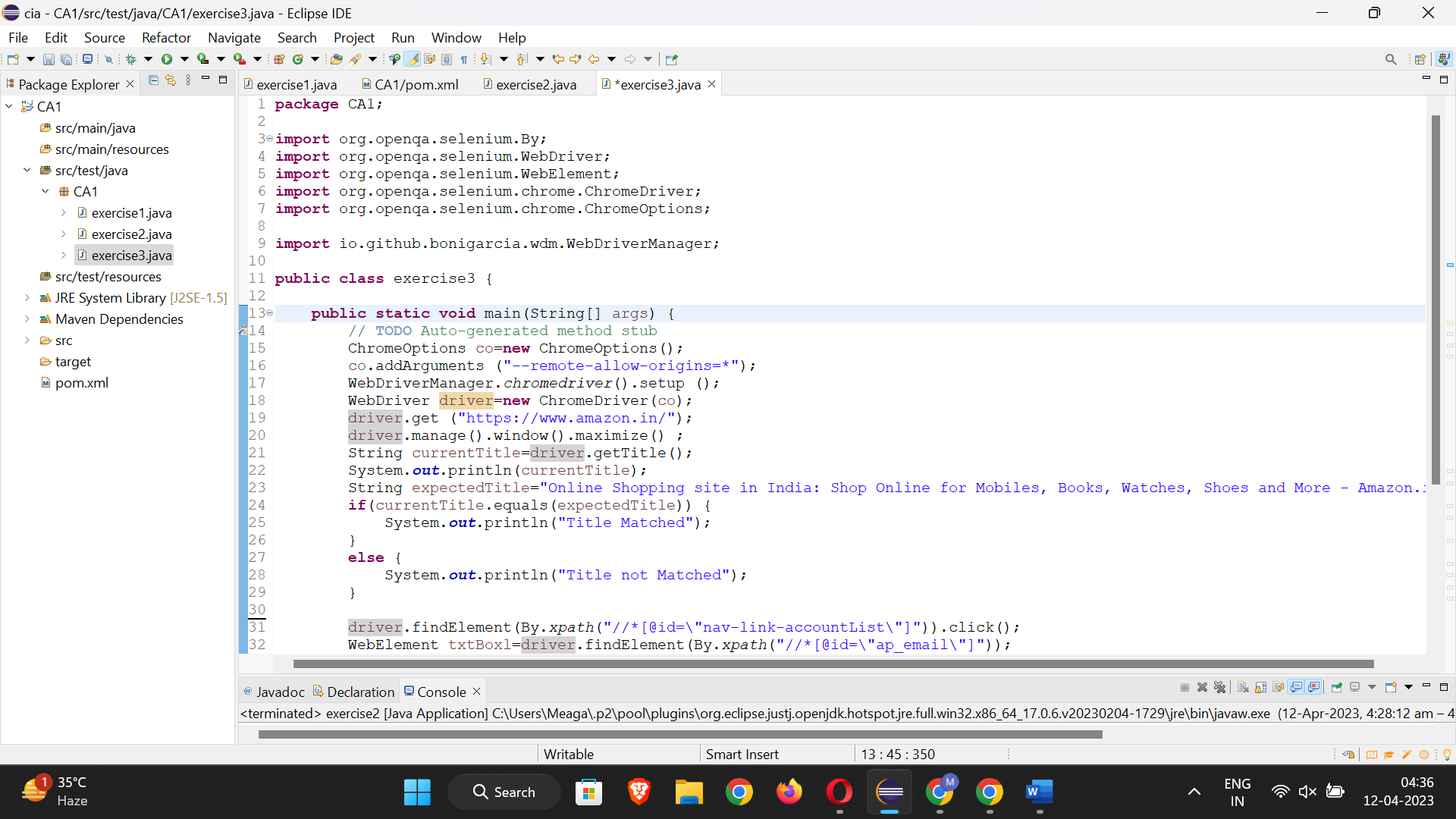


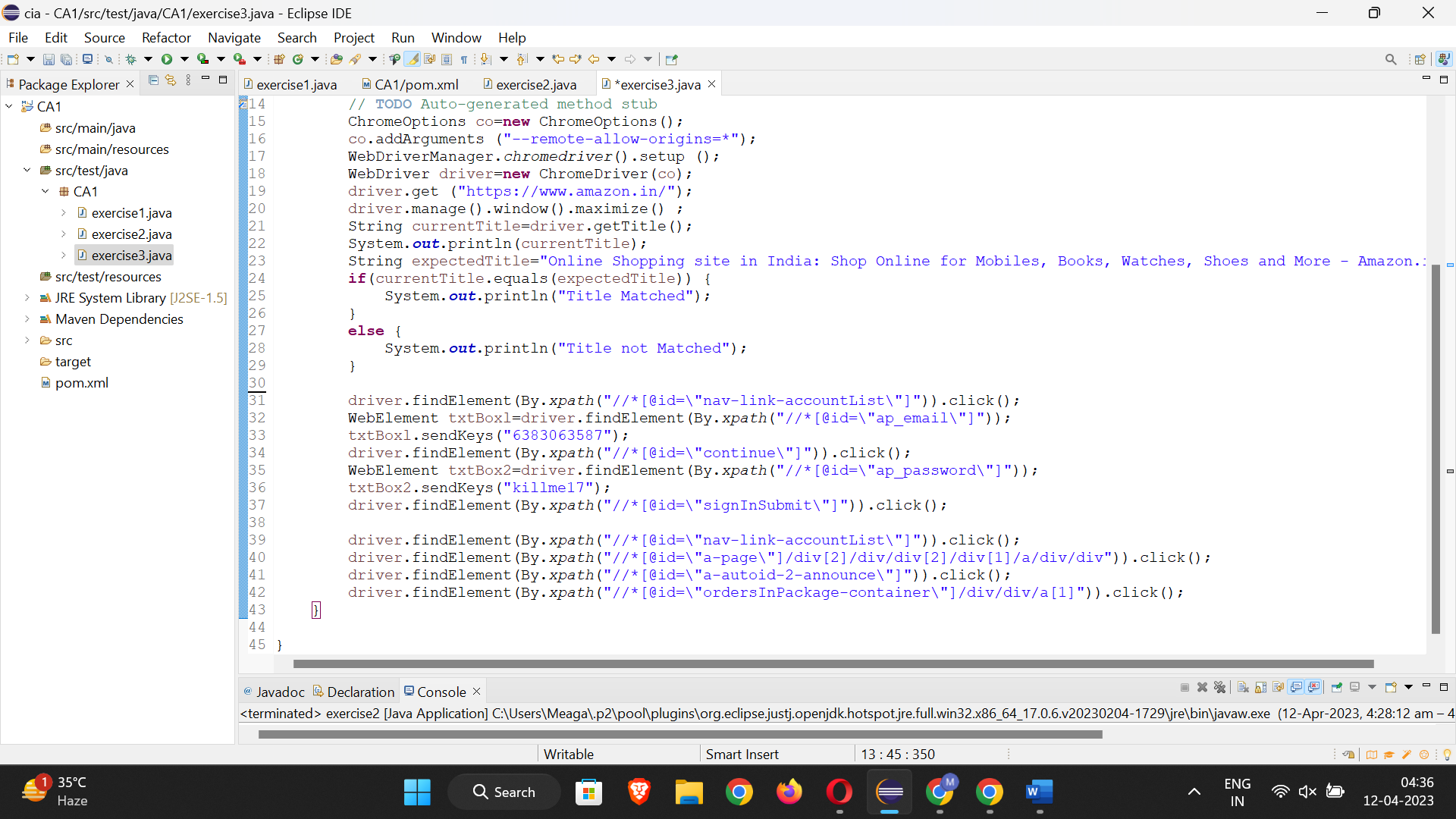


OUTPUT:



QUESTION 3





Output

