Note - checker.java is the main java file

Create a java project and include all the files in the repository(including text files).

(You can edit checker.java and replace actions.txt by actions1.txt tu use another set of instructions)

* addExchange a b- This creates a new Exchange b, and adds it to the child list of Exchange a. If node a has n children, b is its (n+1)th child.
* switchOnMobile a b- This switches ON the mobile phone a at Exchange b. If the mobile did not exist earlier, a new mobile phone with identifer a is created. If there is no Exchange with an identifier b,an exception is thrown.
* switchOffMobile a- This switches OFF the mobile phone a. If there is no mobile phone with identifier a.
* queryNthChild a b- This prints the identifier of the Exchange which is the (b)th child of Exchange a.
* queryMobilePhoneSet a- This prints the identifier of all the mobile phones which are part of the resident set of the Exchange with identifier a.
* queryFindPhone a- This prints the identifier of the exchange returned by the findPhone(MobilePhone m) method. Here, m represents the mobile phone whose identifier is a.
* queryLowestRouter a b- This prints the identifier of the exchange returned by the lowestRouter(Exchange e1, Exchange e2) method.Here, e1 and e2 represent exchanges with identifier a and b respectively.
* queryFindCallPath a b- This prints the list returned by the routeCall(MobilePhone m1, MobilePhone m2) method. Here, m1 and m2 represent mobile phones with identifier a and b respectively.
* movePhone a b- This action sets the level 0 area exchange of the mobile phone with identifier a to exchange with identifier b.