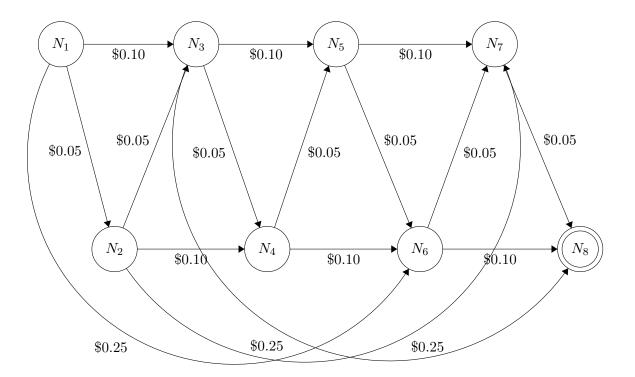[First Name Initial]. Last Name

As you can see above there are total **8 states.** N_1 **is first node and it goes till 8. Basically each next node counts as** 0.05 **cents as result we can see that after adding each state which also adds** 0.05 **cent gives us in total** 0.35 **which is final state** N_8**. In case of** 0.10 **it is added every other** $2nd$ **node for example if first coin is** 0.10 **cent it goes on** N_3 **state then if** $2nd$ **coin is** 0.05 **cent it will go on** N_4 **state, but if** $2nd$ **coin is** 0.10 **cent as well it will go** N_5 **node and so on until it goes until** 0.35 **cent. Then as we can see** 0.25 **can only be** $1st$ $2nd$ **or** $3rd$ **coin. Because if it is** $4th$ **then it will be more than** 0.35 **cent.**