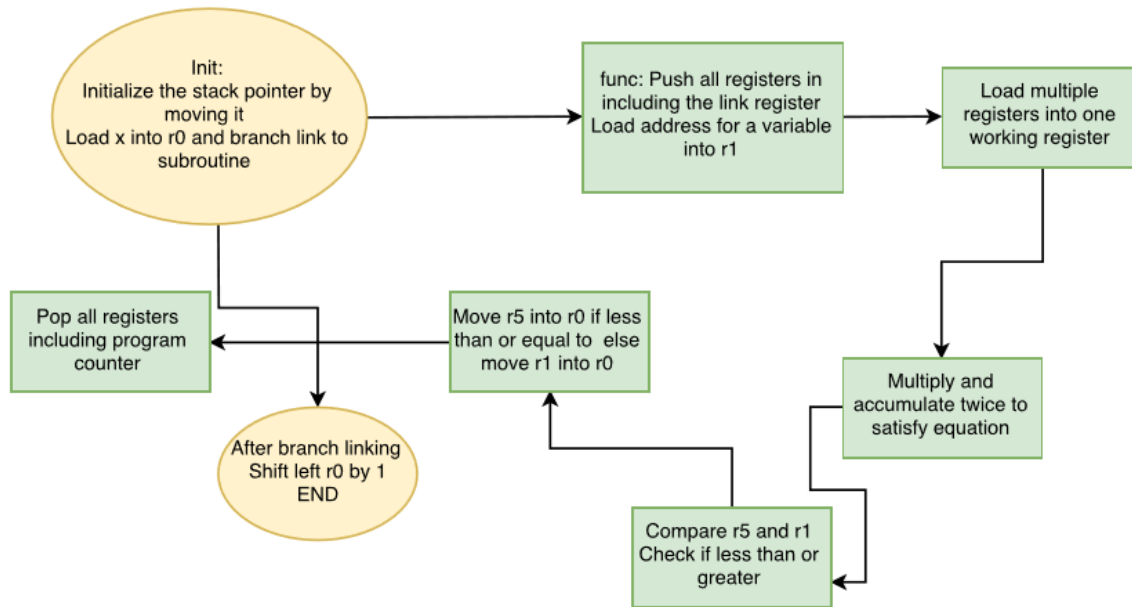


This is the flow diagram for question 1



This is the flow diagram for question 2