

for each participant in file participants.txt

set variable assignment as a random integer between 1 and 9

if  $0 < \text{assignment} < 4$

print Participant participant is assigned to condition treatment 1

display the user interface for the treatment 1 condition to participant participant

if  $4 \leq \text{assignment} < 7$

print Participant participant is assigned to condition treatment 2

display the user interface for the treatment 2 condition to participant participant

if  $7 \leq \text{assignment} < 9$

print Participant participant is assigned to condition control

display the user interface for the control condition to participant participant

