

# Algorithm

Start

Input Name, age

Display "Do you have recent travel to any infected country?"

Read travel\_status

If(travel\_status=="yes")

Read Number\_of\_days

End If

Read current\_temperature

Display "Do you have any flu like symptoms?"

Read health\_status

If(health\_status=="yes")

Display "Do you have difficulty breathing?"

Read answer

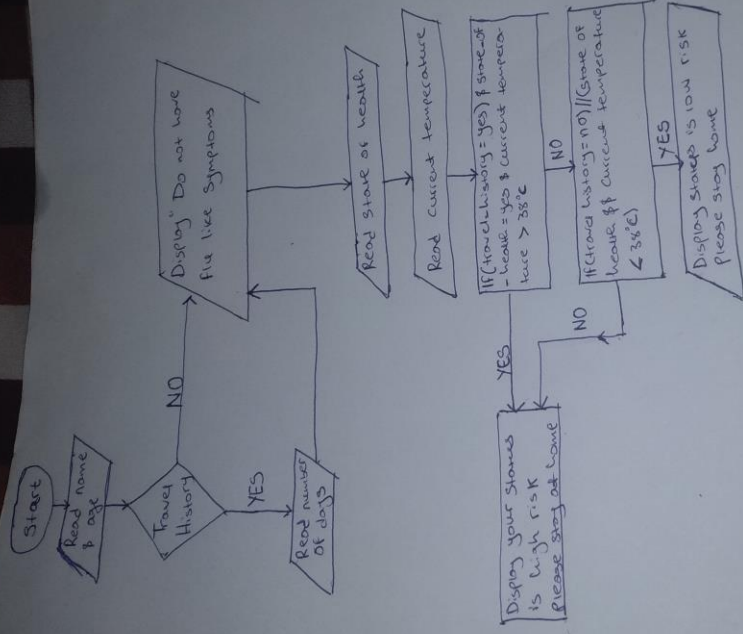
End If

If((travel\_status=="yes") &&(Number\_of\_days>0&& Number\_of\_days<=14)  
|| (current\_temperature>38.0) && (health\_status=="yes") &&(answer==yes))

Display name, age "your status is high risk please call the healthcare line in your area for further guidance"

Else if (travel\_status=="no" || current\_temperature<38.0) && (health\_status==no)

Display name, age "your status is low risk please stay at home and practice social distancing"



ONYENEKE ODINAKACHUKWU DAVID  
 18/EN401/019  
 Chemicals Engineering