

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"

Flowchart

