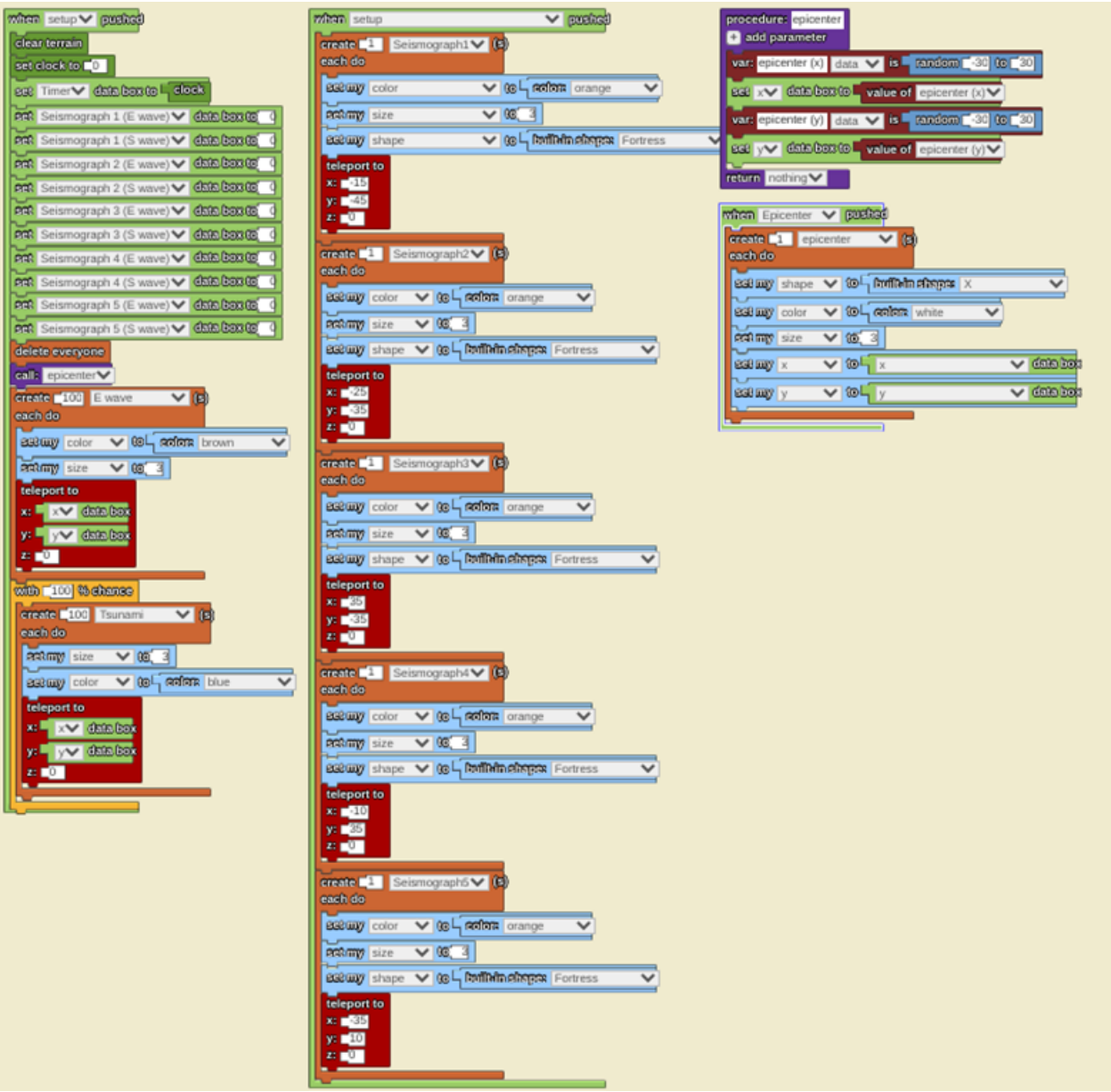
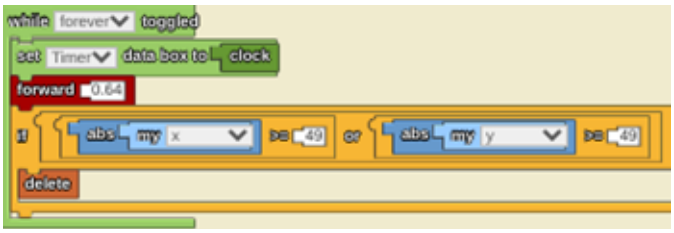
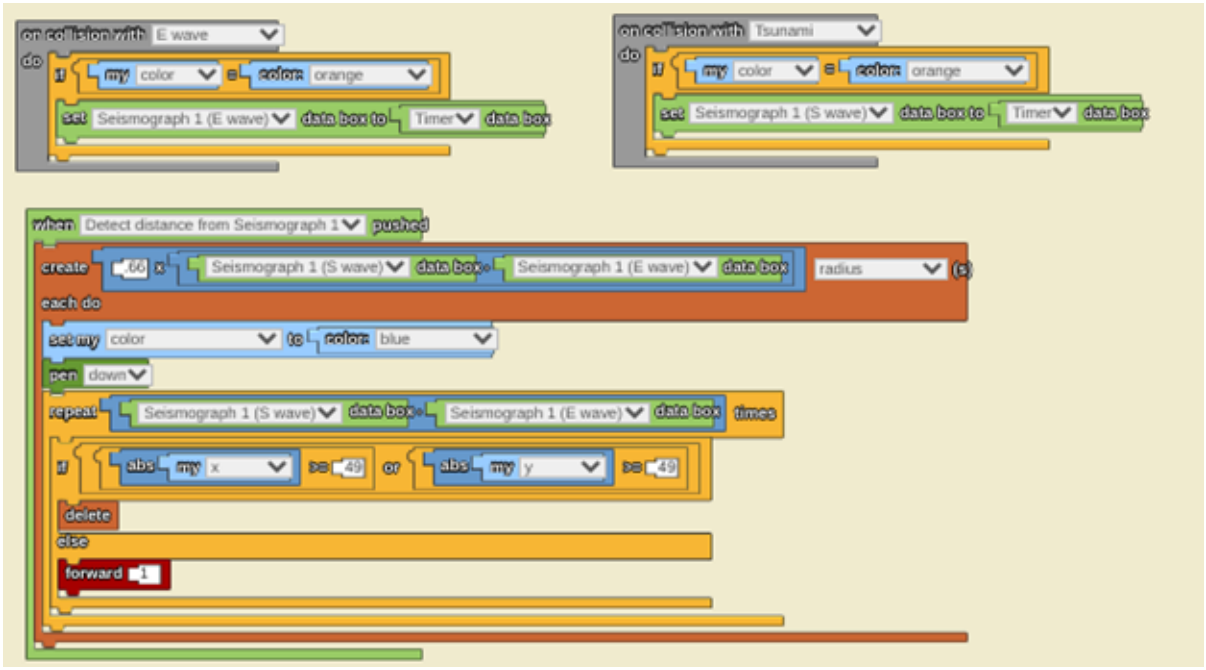
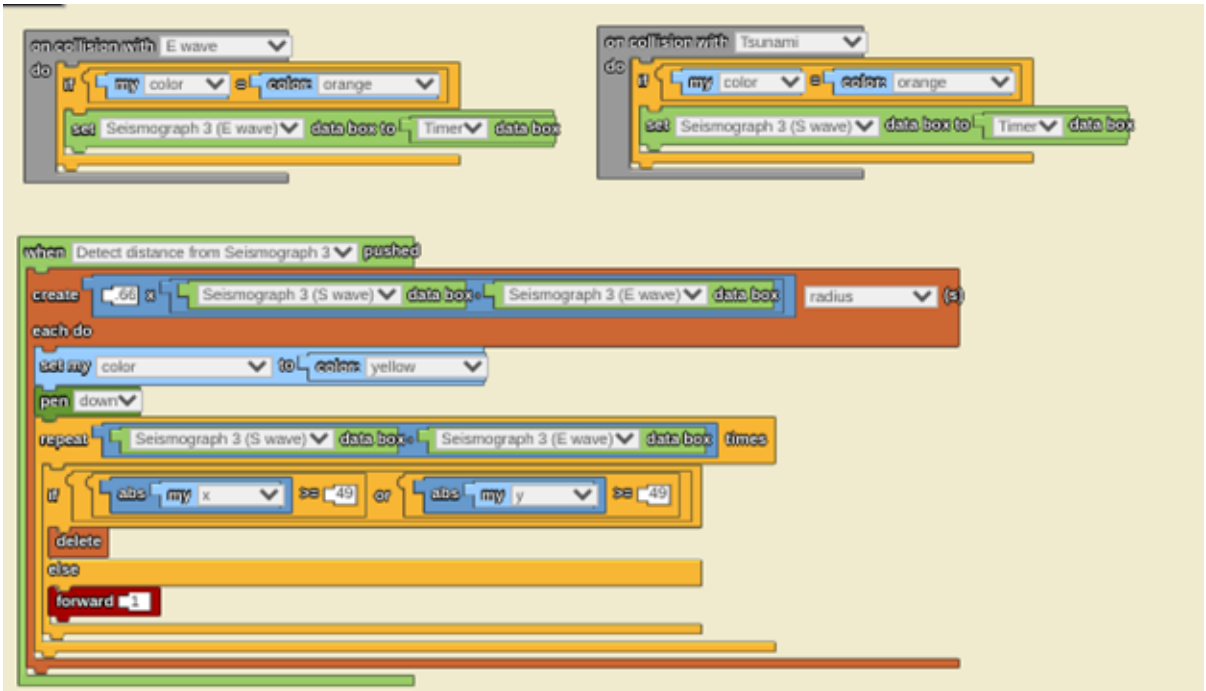
Tsunami Disaster Detection StarLogo Nova code

Team 41, Justice Code

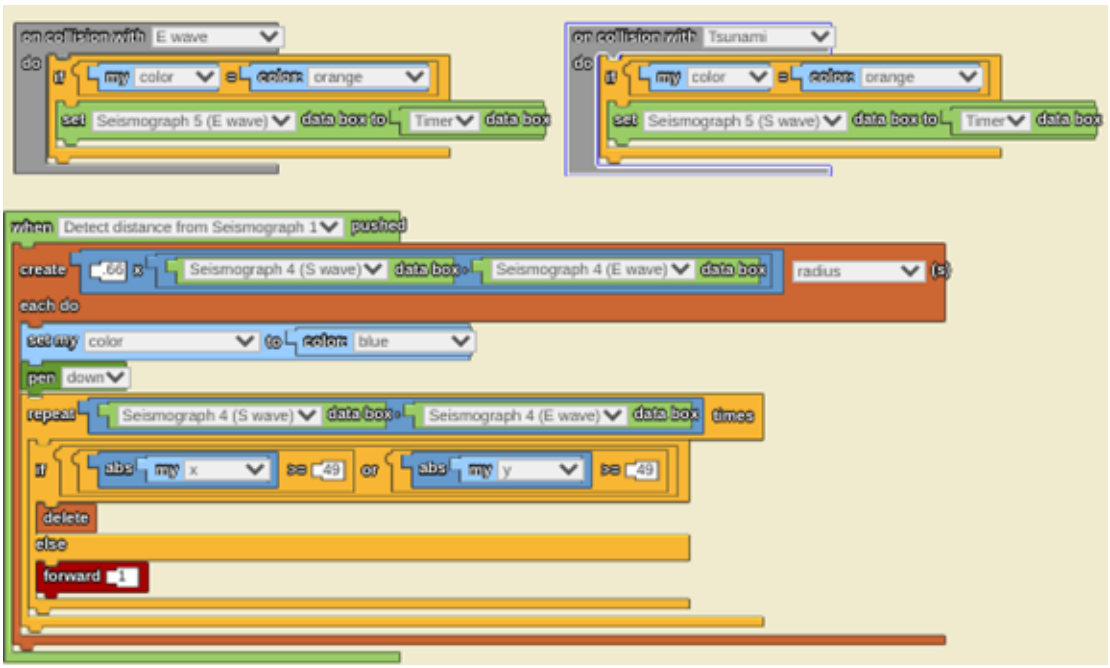


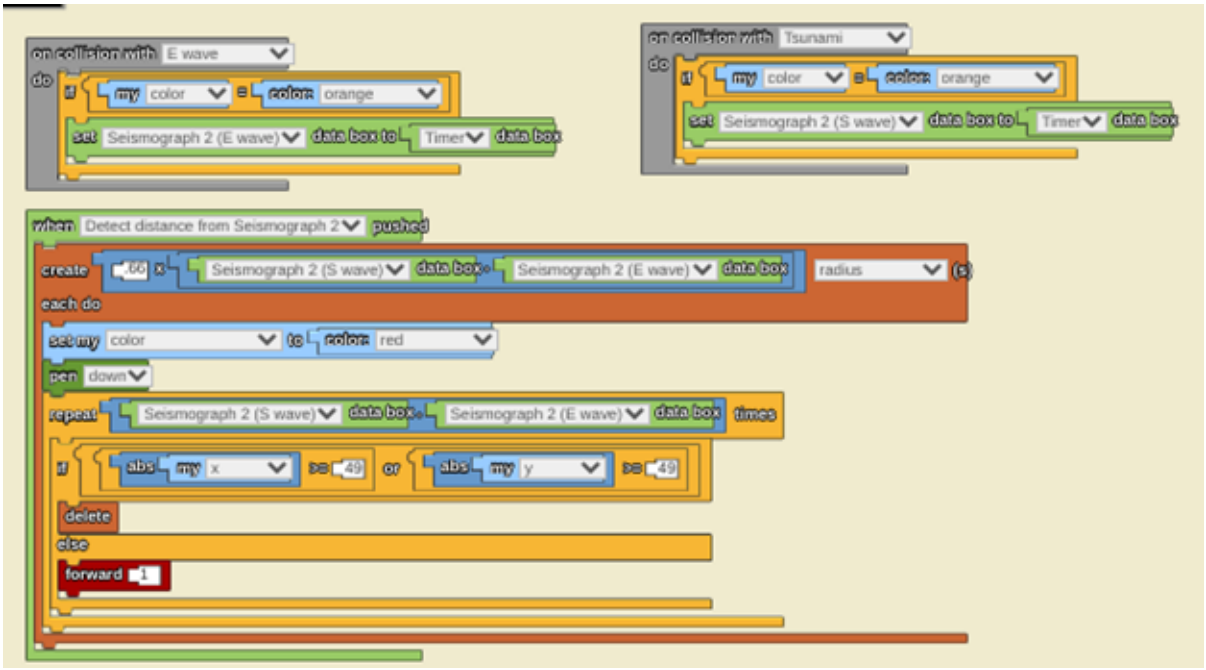

while forever toggled
set Timer data box to clock
forward 0.64
if abs my x ≥ 49 or abs my y ≥ 49
delete

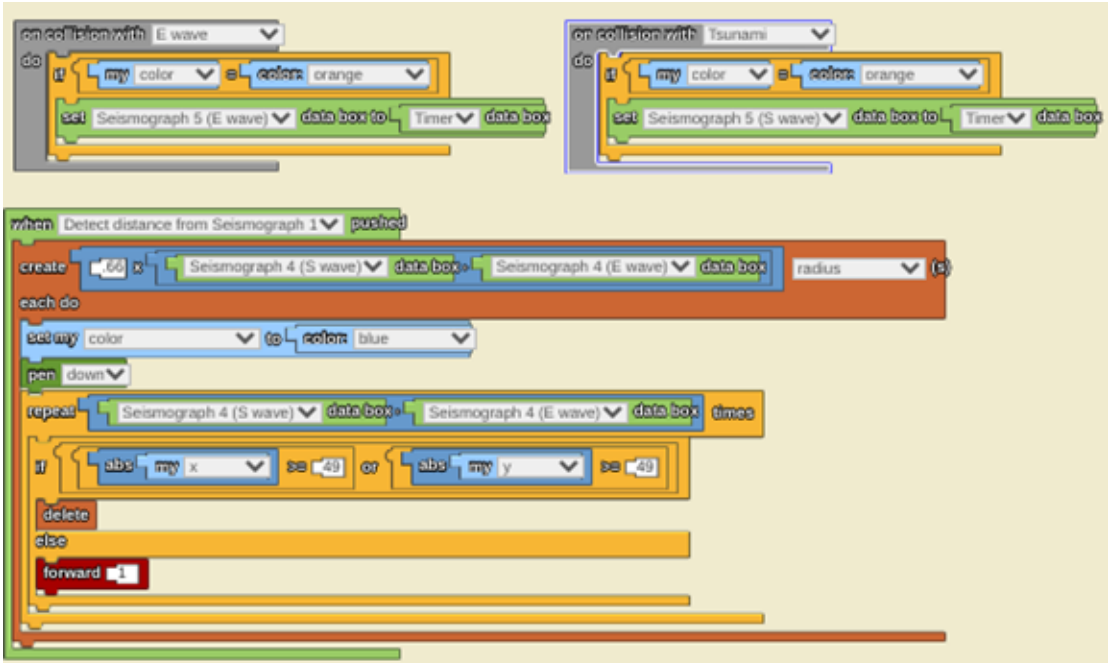

on collision with E wave
do
if my color = color orange
set Seismograph 1 (E wave) data box to Timer data box
on collision with Tsunami
do
if my color = color orange
set Seismograph 1 (S wave) data box to Timer data box
when Detect distance from Seismograph 1 pushed
create .66 x Seismograph 1 (S wave) data box - Seismograph 1 (E wave) data box radius (s)
each do
set my color to color blue
pen down
repeat Seismograph 1 (S wave) data box - Seismograph 1 (E wave) data box times
if abs my x ≥ 49 or abs my y ≥ 49
delete
else
forward 1


on collision with E wave
do
if my color = color orange
set Seismograph 3 (E wave) data box to Timer data box
on collision with Tsunami
do
if my color = color orange
set Seismograph 3 (S wave) data box to Timer data box
when Detect distance from Seismograph 3 pushed
create .66 x Seismograph 3 (S wave) data box - Seismograph 3 (E wave) data box radius (s)
each do
set my color to color yellow
pen down
repeat Seismograph 3 (S wave) data box - Seismograph 3 (E wave) data box times
if abs my x ≥ 49 or abs my y ≥ 49
delete
else
forward 1


while forever toggled
if abs my x >= 49 or abs my y >= 49
delete


on collision with E wave
do if my color = colour orange
set Seismograph 5 (E wave) data box to Timer data box
on collision with Tsunami
do if my color = colour orange
set Seismograph 5 (S wave) data box to Timer data box
when Detect distance from Seismograph 1 pushed
create 66 x Seismograph 4 (S wave) data box - Seismograph 4 (E wave) data box radius (s)
each do
set my color to colour blue
pen down
repeat Seismograph 4 (S wave) data box - Seismograph 4 (E wave) data box times
if abs my x >= 49 or abs my y >= 49
delete
else
forward 1


on collision with E wave
do if my color = colour orange
set Seismograph 2 (E wave) data box to Timer data box
on collision with Tsunami
do if my color = colour orange
set Seismograph 2 (S wave) data box to Timer data box
when Detect distance from Seismograph 2 pushed
create 66 x Seismograph 2 (S wave) data box - Seismograph 2 (E wave) data box radius (s)
each do
set my color to colour red
pen down
repeat Seismograph 2 (S wave) data box - Seismograph 2 (E wave) data box times
if abs my x >= 49 or abs my y >= 49
delete
else
forward 1


on collision with E wave
do
if my color = colors orange
set Seismograph 5 (E wave) data box to Timer data box
on collision with Tsunami
do
if my color = colors orange
set Seismograph 5 (S wave) data box to Timer data box
when Detect distance from Seismograph 1 pushed
create 60 x Seismograph 4 (S wave) data box Seismograph 4 (E wave) data box radius (s)
each do
set my color to colors blue
pen down
repeat Seismograph 4 (S wave) data box Seismograph 4 (E wave) data box times
if abs my x > 49 or abs my y > 49
delete
else
forward 1