Problem 3: The Snake Box Factory



**Solution:**

Object 1: Delivery Snake  
PROPERTIES: Colour, Shape, Texture  
BEHAVIOURS: Changes direction, changes x-position, changes y-position

Object 2: Cardboard

PROPERTIES: Color, Text, Size  
BEHAVIOURS: Change x-position, Change y-position, opens and closes

Object 3: Delivery Route

PROPERTIES: Length, Time Taken, Traffic  
BEHAVIOURS: , Change Destination, Calculate Time and Length, Calculate Traffic