

```
73 + set.seed(550)
74 + data3 <- random_walk(500)
75 +
76 + plot3 <- ggplot(aes(x = x, y = y), data = data3) +
77 +
78 +   geom_path(aes(colour = time)) +
79 +
80 +   theme_bw() +
81 +
82 +   xlab("x-coordinate") +
83 +
84 +   ylab("y-coordinate")
85 +
86 +
87 + (plot3)
88 +
89 + #now every time you run this code it will create the same diagram (movement pathway) as it is being seeded by the same starting value
```