# Exercise 2

You are completing a **lapse or withdrawal** study which begins on 1/1/2012 and ends on 12/31/2018. For your calculations, we want calculate the exposure for ages 50, 51, and 52.

You are given the following ten lives:

- Life A was born on 3/28/1961, is alive on 1/1/2012 and is still alive on 12/31/2018

- Life B was born on 11/29/1960. She is alive on 1/1/2012 but dies on 2/13/2013

- Life C was born on 7/4/1962, is alive on 1/1/2012 but withdraws from the study on 8/15/2015

- Life D was born on 5/30/1961, is alive on 1/1/2012 but withdraws on 4/4/2014

- Life E was born on 9/15/1961 and died on 12/18/2011

- Life F was born on 10/25/1961, is alive on 1/1/2012 but dies on 1/2/2012

- Life G is born on 5/31/1967, is alive on 1/1/2012 and is still alive at 12/31/2018

- Life H is born on 6/5/1967, is alive on 1/1/2012 but dies on 10/15/2018

- Life I is born on 2/14/1966, is alive on 1/1/2012 but dies on 1/15/2019

- Life J is born on 4/1/1966, is alive on 1/1/2012 but dies on 3/20/2016

Complete the following table showing the number of days of exposure that each live will contribute to this study for ages 50, 51, and 52:

| | Age 50 | Age 51 | Age 52 |
|---|---|---|---|
| Life A | | | |
| Life B | | | |
| Life C | | | |
| Life D | | | |
| Life E | | | |
| Life F | | | |
| Life G | | | |
| Life H | | | |
| Life I | | | |
| Life J | | | |

Complete the following table showing the number of years of exposure that each live will contribute to this study for ages 50, 51, and 52:

| | Age 50 | Age 51 | Age 52 |
|---|---|---|---|
| Life A | | | |
| Life B | | | |
| Life C | | | |
| Life D | | | |
| Life E | | | |
| Life F | | | |
| Life G | | | |
| Life H | | | |
| Life I | | | |
| Life J | | | |