

<b>STA457H1: Time Series Analysis</b> <b>Assignment 3 - Question 10</b> <b>Due data December 2, 2022</b>
--

Student Name.....ID number.....

**Instructions:** *Show your answers in details.*

**Q10 (2 points):** Fit a seasonal ARIMA model of your choice to the U.S. Live Birth Series (*birth*) available from the package **astsa**. Use the estimated model to forecast the next 12 months.