## STAT 490

## Homework 3

## Fall 2022

September 13, 2022

1. You are given the following Paid Claims triangle:

| Incremental Loss Payments by Month |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Month of <br> Service | Month of Payment |  |  |  |
|  | Month 0 | Month 1 | Month 2 | Month 3 |
| January | 30,000 | 20,000 | 8,000 | 4,000 |
| February | 40,000 | 36,000 | 14,000 |  |
| March | 50,000 | 24,000 |  |  |
| April | 60,000 |  |  |  |

There is no claims paid after Month 3.
Calculate the total amount of claims yet to be paid.

