Ch 2 Exercises

4.

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| **Input** | **Processing** | **Output** |
| Salary | Quotient | Weekly or biweekly amount |
| Number of paychecks |  |  |
|  | Algorithm:   1. Divide salary by 52 for weekly pay 2. Divide salary by 26 for biweekly pay |  |

6.

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| **Input** | **Processing** | **Output** |
| Number of coach tickets | Sum | Total amount of money for flight |
| Number of first class tickets |  |  |
| Price of coach |  |  |
| Price of first class |  |  |
|  | Algorithm:   1. Multiply number of coach tickets by price of coach for total price for coach 2. Multiply number of first class tickets by price of first class for total price for first class 3. Add total price of coach with total price of first class for total amount of money for flight |  |

10.

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| **Input** | **Processing** | **Output** |
| Number of paychecks | Sum | Total annual contribution |
| Gross pay amount |  |  |
| Carlos contribution rate |  |  |
| Company contribution rate |  |  |
|  | Algorithm:   1. Multiply Carlos contribution rate by gross pay to get his amount 2. Multiply company contribution rate by gross pay to get company amount 3. Add Carlos amount to company amount to get total amount contributed per paycheck 4. Multiply total contribution by number of paychecks to get annual total |  |

12.