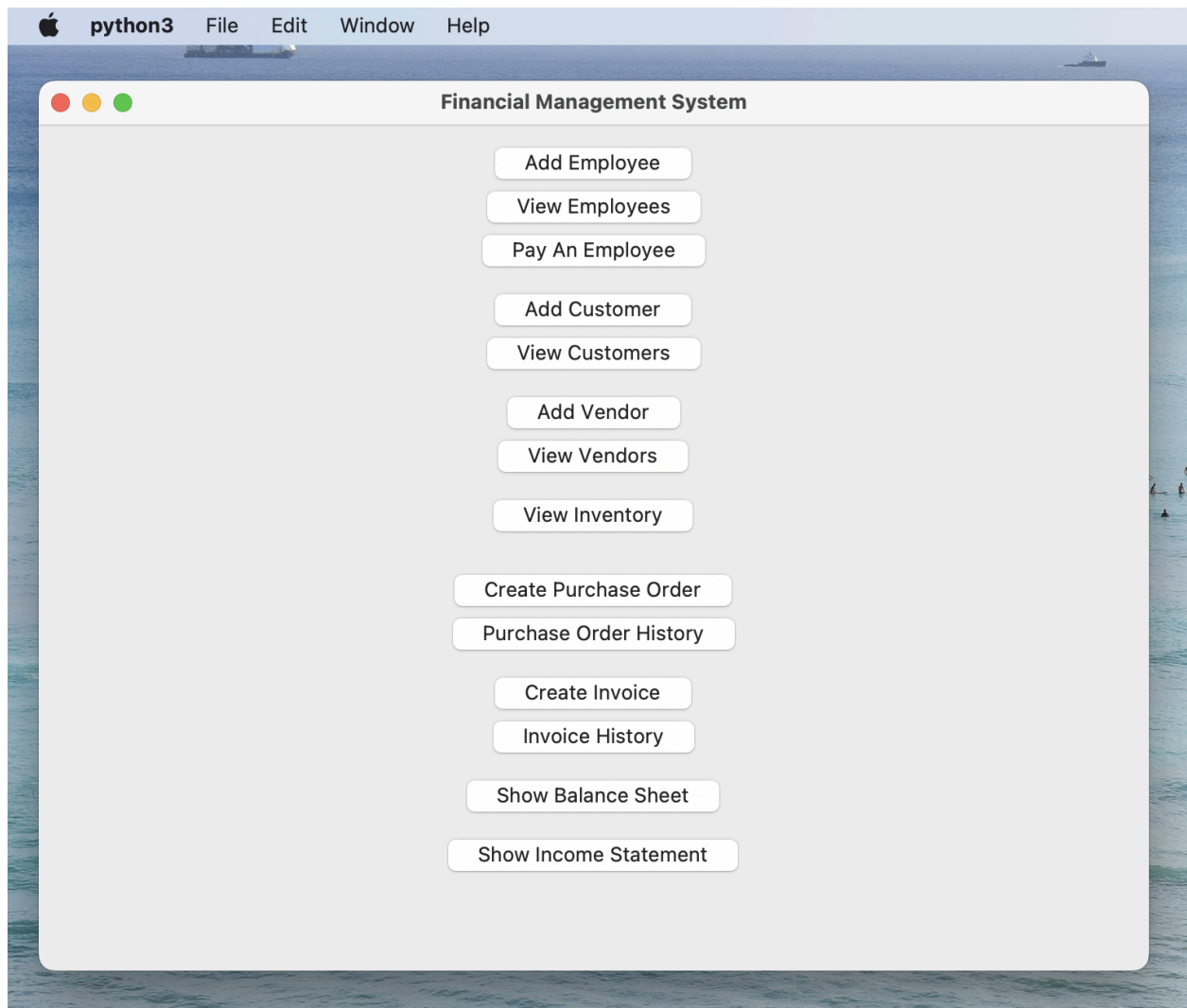


Financial Management System Home Page



Initial Conditions

| Income Statement Sheet | |
|------------------------|---------------|
| Sales | |
| Sales: | \$0 |
| Cost of Goods: | \$0 |
| Gross Profit: | \$0 |
| Expenses | |
| Payroll: | \$0 |
| Payroll Withholding: | \$0 |
| Bills: | \$0 |
| Annual Expenses: | \$100 |
| Total Expenses: | \$100 |
| Net | |
| Other Income: | \$0 |
| Operating Income: | \$-100 |
| Income Taxes: | \$0 |
| Net Income: | \$-100 |

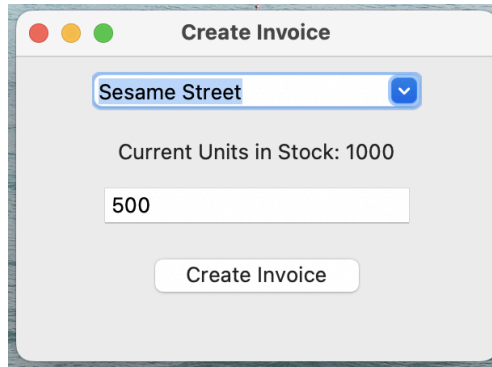
| Balance Sheet | | | |
|-----------------------------|---------------|----------------------------------|---------------|
| Item | Value | Item | Value |
| ▼ Assets | | ▼ Liabilities & Net Worth | |
| Cash | 200000 | Accounts Payable | 0 |
| Accounts Receivable | 0 | Notes Payable | 0 |
| Inventory | 50000 | Accruals | 0 |
| Total Current Assets | 250000 | Total Current Liabilities | 0 |
| Land/Buildings | 0 | Mortgage | 0 |
| Equipment | 0 | Total Long Term Debt | 0 |
| Furniture and Fixtures | 0 | Total Liabilities | 0 |
| Total Fixed Assets | 0 | Net Worth | 250000 |
| Total Assets | 250000 | | |

Assumptions (for now)

- This company sells one item, at a price of \$100
- Currently, there are 1000 units in stock
- The cost of producing this good is \$1
- Annual expenses are \$100
- Withholdings don't matter/there is 0% income tax - i.e. if an employee's salary per payroll is \$100, they get \$100 in full.

Transaction 1: Make a sale for \$50,000

- this involves invoicing a customer for 500 units

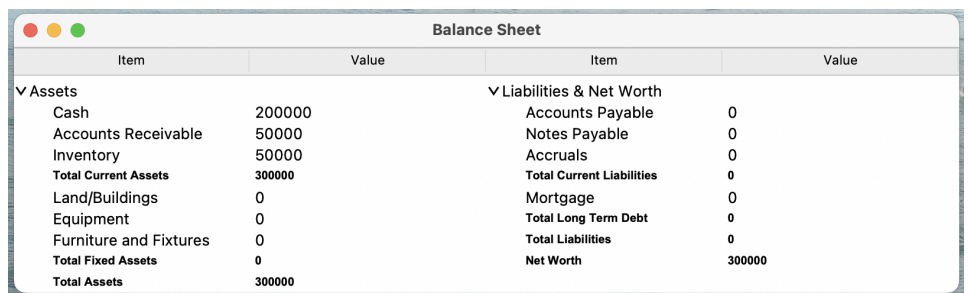


A dialog box titled "Create Invoice" with a dropdown menu showing "Sesame Street". Below the dropdown, it says "Current Units in Stock: 1000". There is a text input field containing "500". At the bottom is a button labeled "Create Invoice".



An "Income Statement" window showing a list of sales and expenses with their respective values.

| Income Statement... | |
|------------------------|----------------|
| Sales | |
| Sales: | \$50000 |
| Cost of Goods: | \$500 |
| Gross Profit: | \$49500 |
| Expenses | |
| Payroll: | \$0 |
| Payroll Withholding: | \$0 |
| Bills: | \$0 |
| Annual Expenses: | \$100 |
| Total Expenses: | \$100 |
| Net | |
| Other Income: | \$0 |
| Operating Income: | \$49400 |
| Income Taxes: | \$0 |
| Net Income: | \$49400 |



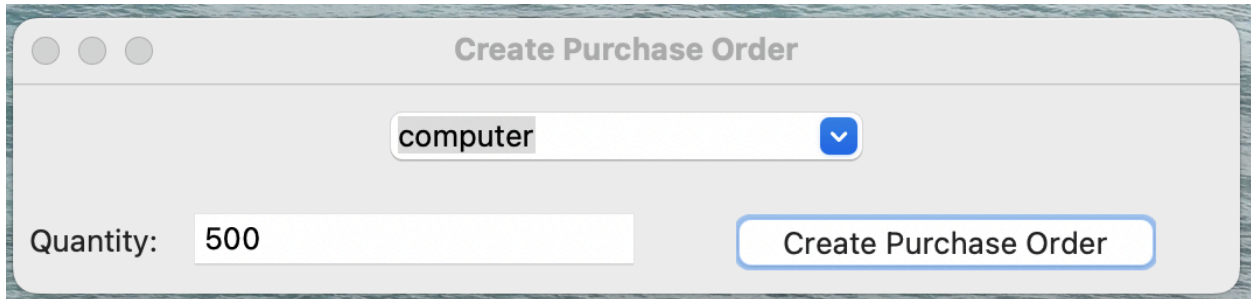
A "Balance Sheet" window showing assets, liabilities, and net worth with their respective values.

| Balance Sheet | | | |
|-----------------------------|---------------|------------------------------------|---------------|
| Item | Value | Item | Value |
| Assets | | Liabilities & Net Worth | |
| Cash | 200000 | Accounts Payable | 0 |
| Accounts Receivable | 50000 | Notes Payable | 0 |
| Inventory | 50000 | Accruals | 0 |
| Total Current Assets | 300000 | Total Current Liabilities | 0 |
| Land/Buildings | 0 | Mortgage | 0 |
| Equipment | 0 | Total Long Term Debt | 0 |
| Furniture and Fixtures | 0 | Total Liabilities | 0 |
| Total Fixed Assets | 0 | Net Worth | 300000 |
| Total Assets | 300000 | | |

- Accounts Receivable increased by \$50,000
- Cost of Goods increased by 500 units * \$1 to produce each unit

Transaction 2: Purchase \$20,000 in inventory

- this can involve creating a purchase order for 500 computer each costing \$40

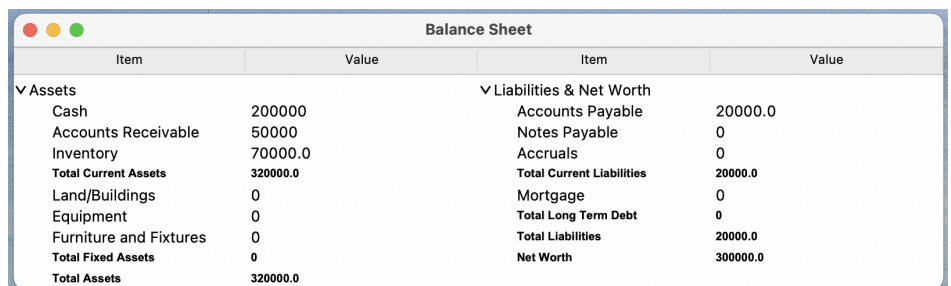


A screenshot of a 'Create Purchase Order' form. At the top, there's a title bar with three window control buttons (red, yellow, green) and the text 'Create Purchase Order'. Below the title bar, there's a search bar containing the word 'computer' and a blue dropdown arrow. Underneath the search bar, on the left, is a 'Quantity:' label followed by a text input field containing the number '500'. On the right side of the form, there is a large blue button with the text 'Create Purchase Order'.



A screenshot of an 'Income Statement' window. It has a title bar with three window control buttons and the text 'Income Statement...'. The window is divided into sections: 'Sales', 'Expenses', and 'Net'. Each section contains a list of items and their corresponding values.

| Sales | |
|----------------------|---------|
| Sales: | \$50000 |
| Cost of Goods: | \$500 |
| Gross Profit: | \$49500 |
| Expenses | |
| Payroll: | \$0 |
| Payroll Withholding: | \$0 |
| Bills: | \$0 |
| Annual Expenses: | \$100 |
| Total Expenses: | \$100 |
| Net | |
| Other Income: | \$0 |
| Operating Income: | \$49400 |
| Income Taxes: | \$0 |
| Net Income: | \$49400 |



A screenshot of a 'Balance Sheet' window. It has a title bar with three window control buttons and the text 'Balance Sheet'. The window is divided into two columns: 'Assets' and 'Liabilities & Net Worth'. Each column has a list of items and their corresponding values.

| Item | Value | Item | Value |
|------------------------|----------|---------------------------|----------|
| v Assets | | v Liabilities & Net Worth | |
| Cash | 200000 | Accounts Payable | 20000.0 |
| Accounts Receivable | 50000 | Notes Payable | 0 |
| Inventory | 70000.0 | Accruals | 0 |
| Total Current Assets | 320000.0 | Total Current Liabilities | 20000.0 |
| Land/Buildings | 0 | Mortgage | 0 |
| Equipment | 0 | Total Long Term Debt | 0 |
| Furniture and Fixtures | 0 | Total Liabilities | 20000.0 |
| Total Fixed Assets | 0 | Net Worth | 300000.0 |
| Total Assets | 320000.0 | | |

- Accounts Payable increased by \$20,000
- Inventory increased by \$20,000

Transaction 3: Pay an employee for 1 payroll period

Pay Employee

Optimus Prime

Pay Employee

| ID | FIRST_NAME | LAST_NAME | ADDRESS1 | ADDRESS2 | CITY | STATE | ZIPCODE | SSN | WITHHOLDINGS | SALARY |
|----|------------|-----------|------------------------|----------|-------------|-------|---------|-----------|--------------|--------|
| 1 | Grainger | Bob | 1301 W Springfield Ave | | Urbana | IL | 61801 | 123456789 | | 50.0 |
| 2 | Optimus | Prime | 100 Transformers Way | | Autoencoder | CA | 12345 | 987654321 | | 50.0 |

The salary noted is the employee's salary per payroll period.

| | |
|----------------------|-----------|
| Sales | |
| Sales: | \$50000 |
| Cost of Goods: | \$500 |
| Gross Profit: | \$49500 |
| Expenses | |
| Payroll: | \$50.0 |
| Payroll Withholding: | \$0 |
| Bills: | \$0 |
| Annual Expenses: | \$100 |
| Total Expenses: | \$150.0 |
| Net | |
| Other Income: | \$0 |
| Operating Income: | \$49350.0 |
| Income Taxes: | \$0 |
| Net Income: | \$49350.0 |

| Item | Value | Item | Value |
|------------------------|----------|---------------------------|----------|
| Assets | | Liabilities & Net Worth | |
| Cash | 199950.0 | Accounts Payable | 20000 |
| Accounts Receivable | 50000 | Notes Payable | 0 |
| Inventory | 70000 | Accruals | 0 |
| Total Current Assets | 319950.0 | Total Current Liabilities | 20000 |
| Land/Buildings | 0 | Mortgage | 0 |
| Equipment | 0 | Total Long Term Debt | 0 |
| Furniture and Fixtures | 0 | Total Liabilities | 20000 |
| Total Fixed Assets | 0 | Net Worth | 299950.0 |
| Total Assets | 319950.0 | | |

- The employee was immediately paid with no income tax subtracted, so Cash decreased by their salary of \$50/payroll period and Payroll increased by \$50.