

## Declaring and Working with Number Variables

Write a program which performs each of the following.

### A. Company Profit Calculator

- Create a variable and read in from the keyboard and store the revenue
- Create a variable and read in from the keyboard and store the costs
- Create a profit variable which stores the result of revenue-costs
- Display the value of profit in the console.

### B. Stock Purchasing System

- Create a variable to store cost per share read in from the keyboard
- Create a variable to store the number of shares read in from the keyboard
- Create a total cost variable which stores the result of cost per share \* number of shares
- Display the total cost in the console.

### C. Discount System

- Create a variable to store the variable price read in from the keyboard
- Create a variable to store the discount read in from the keyboard
- Create a variable to store the mark down price  $(\text{discount} / 100) * \text{price}$ .
- Decrease the price, by the mark down price.
- Display the original price and the new price in the console.

### D. Farm Land Calculator

- One acre of land on a farm can produce 18 tons of corn. Create a variable to store the area of the land. Calculate the amount of corn that may be produced on the land. Output your result in the console.