PACE-Monmouth Computer Science

Objective:
  1. Identify all **Inputs** and **Outputs** for the problem presented below
  2. Identify any **constants** that might be required
  3. Identify any **key formulas** required
  4. Identify any "**placeholders**" needed to store temporary computations
  5. Write a set of **pseudo-code** statements that will solve the problem

Problem Statement: You work at a store that is trying to encourage customers to come in during the middle of the week to buy its products.

Ask the user to tell you what day of the week it is (use numbers 1 through 7 to represent Monday through Sunday).   **Note**: Be sure to display an error for invalid days of the week!

Ask the user to state the price of an item to be purchased.

Determine what discount the user will receive based on the day of the week they say it is, and tell the user what price they will pay based on that discount. Use the following table:

Day-of-the-Week	Discount Amount
Monday	10%
Tuesday	20%
Wednesday	30%
Thursday	20%
Any other day	0%