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Module 5

Part 2: The CSU Global Bookstore has a book club that awards points to its students based on the number of books purchased each month. The points are awarded as follows: If a customer purchases 0 books, they earn 0 points. If a customer purchases 2 books, they earn 5 points. If a customer purchases 4 books, they earn 15 points. If a customer purchases 6 books, they earn 30 points. If a customer purchases 8 or more books, they earn 60 points. Write a program that asks the user to enter the number of books that they have purchased this month and then display the number of points awarded.

Pseudocode part 2

```
START
  ASK user for books_purchased

  IF books_purchased == 0: points = 0
  ELSE IF books_purchased == 2: points = 5
  ELSE IF books_purchased == 4: points = 15
  ELSE IF books_purchased == 6: points = 30
  ELSE IF books_purchased >= 8: points = 60
  ELSE: points = 0  (or handle as "no points" since it's not listed)

  DISPLAY points
END
```

Python source code part 2

```
# Part 2: Book Club Points Program
# This program determines points earned based on books purchased

# Ask the user for the number of books purchased
books_purchased = int(input("Enter the number of books purchased this month: "))

# Determine points earned
if books_purchased == 0:
    points = 0
elif books_purchased == 2:
    points = 5
elif books_purchased == 4:
```

```
    points = 15
elif books_purchased == 6:
    points = 30
elif books_purchased >= 8:
    points = 60
else:
    points = 0

# Display the points awarded
print(f"Points awarded: {points}")
```

Figure 2: Multiple executions of the Book Club Program Demonstrating Conditional Logic for Different number of Books Purchased

```
Enter the number of books purchased this month: 0
Points awarded: 0

Enter the number of books purchased this month: 2
Points awarded: 5

Enter the number of books purchased this month: 4
Points awarded: 15

Enter the number of books purchased this month: 6
Points awarded: 30

Enter the number of books purchased this month: 8
Points awarded: 60
```