visual programming

Operators

Simulation

Bachelor of Information Systems
Institut Teknologi Del

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Learning Objective(s)

This material should address the following question(s).

- How to use operators?

Discussion Point

Operators:
A Simulation.

Problem

- A book store is currently making a clearance sale.
  - The discount is gigantic, **50%**.
- To be eligible for the discount, a transaction is must be at least worth $200 **and consists of at least 2 books**.

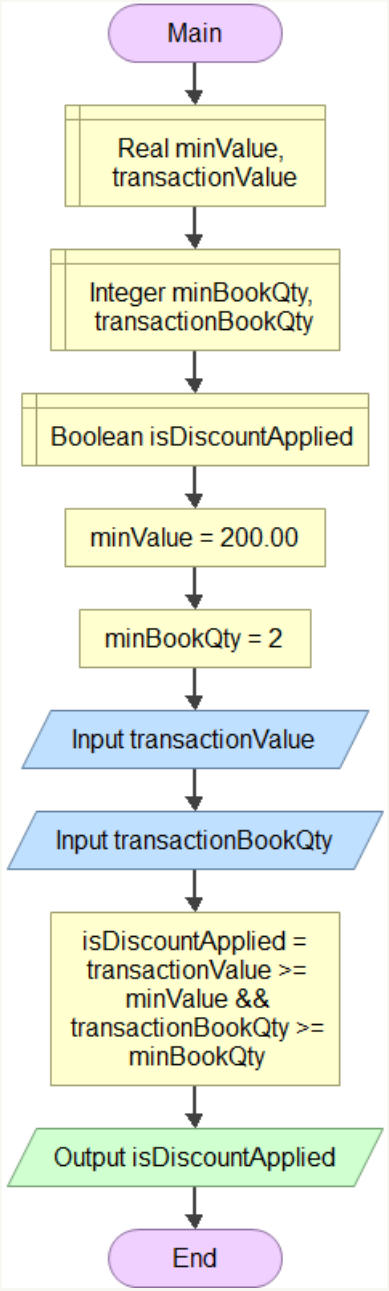
both conditions must be satisfied to grab the discount.

Problem

- The user will enter two values:
  - The transaction value; and
  - The number of books involved in the transaction.
- The solution will decide if the discount is applicable or not and display the decision.

Problem

- An example:
  - The user enters `300.0` for the transaction value and `3` for the number of involved books. The solution should state that the discount is applicable.



Hands On

- The `50%` discount is applicable **if and only if** both required criteria are met (`true`).
  - Using the conjunction operator is the most suitable choice.
  - Why not using disjunction?

– E O F –

Course Lecturer

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