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**Video Length:** 30 minutes

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- I. Installing a C++ Compiler
- II. Structuring Our ATM Machine
- III. Building Our First C++ Program

## Download a C++ Compiler

<http://www.bloodshed.net/devcpp.html>

<http://www.codeblocks.org/>

<https://www.visualstudio.com/vs/community/>

<http://www.mingw.org/>

## Terms and Concepts

- 1.Flow of Control Structures
- 2.Relational Operators
- 3. Prompt
- 4. Logical Operators
- 5. precedence
- 6. Reserve Words
- 7. Case-Breake
- 8. Nested block
- 9. Comments
- 10. IF-Loop
- 11. While-Loop
- 12. For-Loop
- 13. IF-ELSE Loop
- 14.Preprocessor
- 15.Class
- 16.Header
- 17.Type casting
- 18.Text Editor
- 19. command prompt
- 20. Method/Function
- 21. parameter
- 22. Terminating Statement
- 23. Return
- 24. recursion
- 25. Void
- 26. Data Type
- 27. Declaration
- 28. "HelloWorld"

- 29. Statement
- 30. IDE
- 31. Compiler
- 32. SDK
- 33. Text Editor

## Let Try It! ATM Machine In C++

**Program Description:** An ATM machine is a device which inputs a user's number and outputs a response based on some automated repository of information. Our device should be able to return the current balance for every transaction or display a message if the account is overdrawn or has insufficient funds to complete and action.

**Input:** A matching number to an account .If there is no such account the program should prompt the user to try again or exit.

**Process:** For a matching condition to an input account there should be an individual calculation to period. This sole transaction which reads " Checking: \_\_MoneyAmount\_" the user wants to decrease the account by for a single unit transaction. There should be a variable which holds the amount of money listed for that particular account.

**Output:** Display information about the current account balance.

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**Bill**  
**Checking: 75.00**

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