This pointer and it's usage

- Whenever the name of instance variable and local variable both are same and if we initialize instance variable with the help of local variable, then our compiler will be confused that which one is local and which one is instance. To avoid this problem we should use this pointer.

- Member functions can return the current object by returning *this. This allows for method chaining, where multiple member function calls can be linked together in a single statement.

- Member functions can return the 'this' pointer, which is a pointer to the current object. This can be useful for various design patterns and techniques, such as method chaining and fluent interfaces.

- The 'this' pointer can be used to compare the current object with another object. By accessing the member variables through 'this' pointer, one can compare them with the member variables of another object passed as a parameter.