

# Instructions on using Claude to code and debug code.

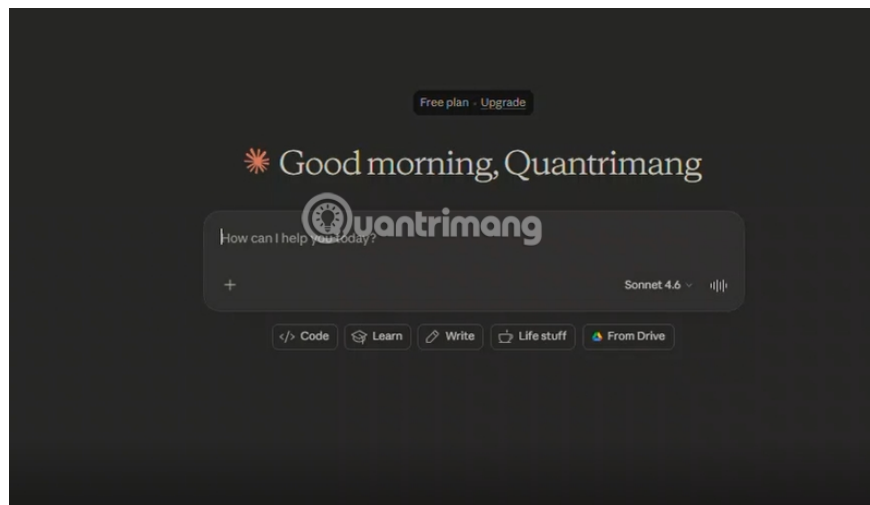
A detailed guide on how to use Claude AI code and fix code errors effectively in 2026. From basic prompting to error analysis, receiving fixable code, and quick copying.

Anthropic's Claude is becoming an indispensable tool for programmers thanks to its ability to deeply understand code, accurately analyze errors, and suggest intelligent fixes. Whether you're a beginner or an experienced programmer, Claude helps you write code faster, debug more efficiently, and significantly reduce debugging time. Below is a guide to help you easily code and fix errors in just minutes with Claude AI.

## Steps to use Claude to code and debug code

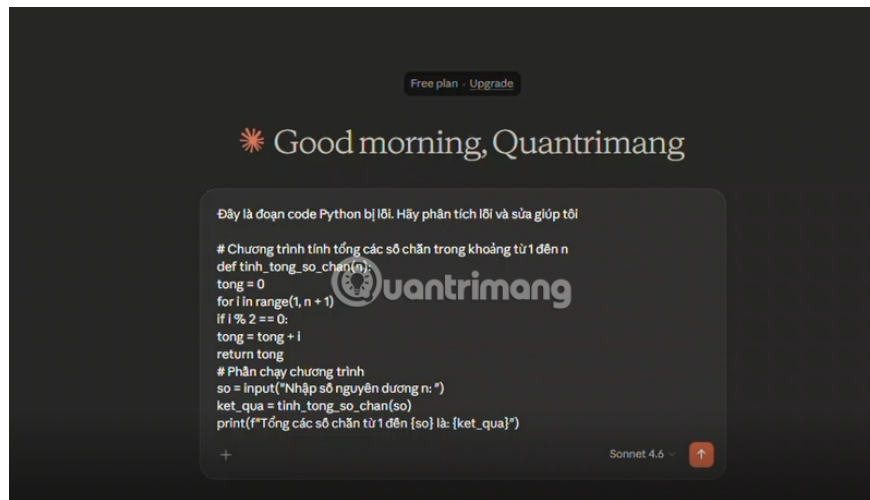
### Step 1: Access Claude and start a conversation.

Access [claude.ai](https://claude.ai), log in to your account (a premium plan is recommended for best performance). In the main chat box, type the prompt clearly. For example: 'This is a faulty Python code snippet . Please analyze the error and fix it for me:' Then **paste the entire faulty code snippet** into the prompt .



### Step 2: Send the prompt and wait for Claude to analyze it.

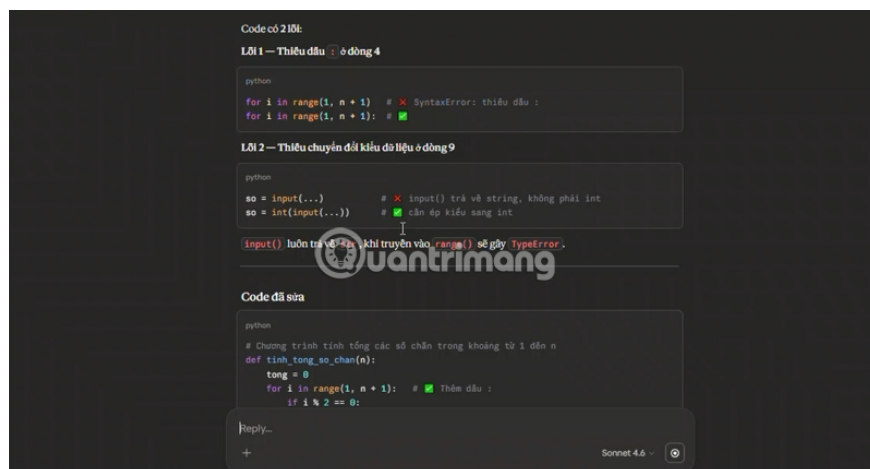
Press **the Send** (or Enter) button. Claude will read the code, analyze the logic, point out errors (syntax error, logic error, performance issue, etc.), and provide clear and easy-to-understand explanations.



### Step 3: Carefully read the error explanation.

Claude often explained:

1. Where is the error located?
2. The cause of the error
3. Impact of that error: Please read this explanation carefully to understand the problem before applying the fix.



### Step 4: Check the revised code version.

Claude will provide a **revised version of the code** , clearly marking the changes. Compare the old and new code to understand what Claude has changed.

```
print(f"Tổng các số chẵn từ 1 đến {so} là: {ket_qua}")
```

Kết quả chạy thử

Input n	Kết quả
10	2+4+6+8+10=30
6	2+4+6=12

Gợi ý thêm: Dòng `tong = tong + i` có thể viết gọn hơn thành `tong += i`.

### Step 5: Copy the code and apply it.

Click the **Copy** button next to the modified code. Paste the code into your project file, run it, and check the results.

## Tips for writing effective prompts when coding with Claude

To help Claude fix the error more accurately, please provide more information:

1. Programming languages and versions (Python 3.11, JavaScript ES2024...)
2. Describe the error you encountered (error message, incorrect behavior, etc.)
3. Project context (current framework, functional goals, etc.)
4. Specific requests: 'Fix bugs and explain each change', 'Keep the old code structure', 'Add explanatory comments'...

A good example prompt: ' This JavaScript code is giving a TypeError when run in the browser. Please debug, fix the error, and explain the reason for each line change.'

## Benefits of using Claude to fix code errors

1. Significantly reduces debugging time (potentially 50-70%).
2. The error explanation is easy to understand, suitable even for beginners.
3. We suggest several different repair methods for you to choose from.
4. Supports most popular programming languages (Python, JavaScript, Java, Go, Rust, etc.).

## Important notes when coding with Claude

1. Claude is a support tool ? **always check and test code** before deploying it to production.
2. For complex code or large projects, provide more context (related files, functional requirements).
3. Use **Artifacts** (if available) to have Claude display the code as a nice preview that's easy to edit directly.
4. Combine Claude with an IDE (VS Code, Cursor, etc.) for maximum efficiency.

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