CLEAN CODE : CHEAT SHEET

1. Descriptive Naming:

Ensure that variables, functions, and classes have names that clearly describe their purpose and functionality.

2. Consistent Formatting:

Maintain consistency in your code by following standard naming conventions, spacing, and indentation.

3. Modularization:

Divide your code into smaller, more manageable functions or methods that serve a single purpose, in line with the Single Responsibility Principle.

4. Comments and Documentation:

Include comments to explain complex logic or the purpose of functions. Keep the codebase's documentation up to date.

5. Error Handling:

Implement appropriate error handling mechanisms to strengthen the code and prevent unexpected malfunctions.

6. Avoid Magic Numbers:

Replace magic numbers with named constants or variables to improve code readability.

7. Avoid Deep Nesting:

Minimize nesting in your code to enhance readability and make it easier to understand the flow of execution.

8. Unit Testing:

Create comprehensive unit tests to verify the correctness of methods and classes.

9. Version Control:

Utilize version control tools like Git to effectively track changes and collaborate with others.

10. Refactoring:

Regularly refactor your code to make it more organized and manageable. Refactoring should be an ongoing process.

11. Continuous Learning:

Stay updated on emerging technologies, programming languages, and best practices. Strive to continuously improve your coding skills.

12. Readable code over clever code:

Prioritize code readability over overly clever or complex solutions. Clear and understandable code is more valuable in the long run.