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Friendly coding

PROFESSIONAL BACHELOR THESIS

Computer Systems

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Introduction

Nowadays the quality of code plays a crucial role in the overall success of a project. That is why friendly coding refers to writing code that is easy to read and understand. Additionally it friendly coding making codes clear for other developers, so that they also can understand what author wanted to explain.

What Friendly Coding refers to?

Friendly coding refers to the practice of writing software in a clear, organized, and human friendly way. The goal of using friendly coding is that the code is understandable and that code avoids unnecessary complexity.

Key points of using Friendly Coding

- Simplicity: it helps author to avoid over complicated solutions.
- Documentation: Authors can write comments on the place where it is necessary.
- Readability: code should be easy to understand for a developer. That is the main point of friendly coding.

Benefits of Friendly Coding

- Easier to find out bugs and error detection.
- Faster introduction for new employees.
- Improving collaboration with colleagues.
- Decreased time and expense of servicing.

Example of Friendly & Unfriendly Code

Unfriendly coding:

```java
public class Main {
    public static void main(String[] args) {
        int a = 5;
        int b = 7;
        int c = a + b;
        System.out.println(c);
    }
}
```

Friendly coding:

```java
public class Main {
    public static void main(String[] args) {
        int firstNumber = 5;
        int secondNumber = 7;
        int sum = firstNumber + secondNumber;

        System.out.println(sum);
    }
}
```

Conclusion

Friendly coding is a fundamental practice that enhances teamwork, efficiency, and long term software quality. By using clean coding developer contribute to more manageable, scalable, and reliable projects. Whether in academic assignments or professional environments, friendly coding still an essential skill.