

**Turiba University
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(friendly coding)

PROFESSIONAL BACHELOR'S DEGREE

Study programme (Bachelor's in computer systems)

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What do we know about friendly coding?

Well, friendly coding refers to code which is written cleanly, is understandable and is also collaborative code.

It's about writing code that's easy for everyone to read and not just the computers to understand.

Friendly coding basically focuses on the clarity, simplicity, and collaboration.

A friendly coder will think about others who will read his/her code or use their code later.

Why is friendly coding Important?

Friendly coding makes the teamwork smoother.

It saves time in debugging the code and its maintenance.

Friendly coding also encourages learning and sharing with others. It also builds a positive coding culture.

What are the principles of friendly coding?

There are a few principles which a developer or a coder should keep in mind while writing a user-friendly code:-

1. It should be readable. Writing clear names and a clean structure.
2. It should be consistent. One should have the same formatting and style..
3. It should be documented. Use comments and guides to understand yourself and others better, and it also looks neat.
It can be Modular. For example, you can divide big problems into small parts and then code for them. Doing so can handle errors easily and understandable.

Difference btw friendly coding and unfriendly coding

In Python - FRIENDLY CODING



```
length = 5  
width = 6  
area = length * width  
print("Area:", area)
```



Area: 30

In Python - UNFRIENDLY CODING



```
x=5;y=6;z=x*y;print(z)
```



Area: 30

You can see how it is easy to understand the first code better than the second.

How does friendly coding help in real life?

- It makes onboarding in tech companies easier.
- Friendly coding saves time in software maintenance.
- It creates a positive coding culture and environment and makes you a better team player and developer.