Use of Artificial Intelligence During the Semifinal Task

The use of artificial intelligence is **not mandatory** for completing the task.
If AI is used, its use **must be declared** in the manner described in these instructions.

Insufficient or unclear disclosure of AI usage will be taken into account in the evaluation.
If, during the evaluation, there is justified reason to assume that the solution has been produced using AI **without proper disclosure**, this may affect the assessment.

Use of Artificial Intelligence in Programming

All code sections that have been produced with the help of AI or **substantially modified by AI** must be clearly marked **directly in the code as comments** and mentioned in the README file.

How to marki AI Usage in Code

- The comment must be placed **immediately next to** the code where AI was used
- The comment must be written so that it **wraps the relevant code section** (e.g. before and after a block or function)
- The comment must clearly state:
  - that AI was used
  - which AI tool was used (e.g. ChatGPT, Copilot, etc.)
  - for what purpose the AI was used

Examples

Marking in JavaScript code:

```javascript
// AI-USE: ChatGPT
// Used to assist in optimizing and refactoring this function
function formatStatus(status){
    return status.charAt(0).toUpperCase() + status.slice(1);
}
// AI-USE END
```

Marking in PHP:

```php
/* AI-USE: ChatGPT
Used to assist in optimizing SQL queries and improving readability */
$stmt = $do→prepare("SELECT * FROM data WHERE id = :id");
/* AI-USE END */
```

Mention in the README File:

Use of AI

Artificial intelligence (ChatGPT) was used in this project to support software development. AI was used in particular for drafting SQL queries, improving code structure, and ideating individual implementation solutions.

All code sections produced with the help of AI or significantly modified by AI have been clearly marked directly in the source code with comments.

Use of AI for Reviewing and Refactoring One's Own Code

AI may also be used to assist with code written by the competitor themselves for:
- reviewing
- improving
- refactoring
- debugging

If AI has significantly influenced the final form of the code, this must be marked in the code with a comment as described above.

If AI has only been used at a general level (e.g. to verify syntax or principles without directly affecting the code), no separate marking is required.

Use of AI in Creating the README File

AI may be used to generate content for the README file, to structure it, or to improve language quality.

In the README file, AI usage should be declared **in general terms**, and individual lines do not need to be marked.

Example of a README Declaration (AI Used for Creating the README)

Use of AI

Artificial intelligence (ChatGPT) was used to help structure and refine this README.

Responsibility and Evaluation

The solution must, as a whole, be a product implemented by the competitor themselves.

The competitor is personally responsible for:

- the correctness of the implementation
- the functionality of the code
- the clarity and understandability of the solution

The use of AI **does not in itself positively or negatively affect the evaluation**.

The assessment is based on the functionality of the solution, code quality, and clarity of

implementation, regardless of whether AI has been used.