1. Why interfaces are used? Can you name all the benefits and drawbacks?

Identifying interfaces helps to find dependencies your system has with other systems and vice versa. Also, interfaces help to ensure compatibility with other systems, that your system interact with, and help to expose potential problem areas to your project.

If interfaces badly designed, not understood, not defined or are subject to change, your systems performance can be impacted.

1. Why do we need to have best practices? How some practice becomes a "best practice"?

Best practices are needed because they are simply best way to do thing, that were established through trial and error.

Practice that showed good effectiveness, that can be supported by objective research, can in time become best practice.

1. How would you test your functionality that it works according to the requirements? Describe your thought process.

First, I would find corner cases and test them, see if output values and predetermined values are the same. Then randomly pick several values between corner cases and test them.

1. What it takes to be a good team member and/or leader? How can you be a great team member?

Good team member – always ready to learn, increase his/her competence, help colleague, if necessary, good work attitude, responsible.

Good leader – understands his team weak and strong sides, can manage tasks, accordingly, helps his team grow, can substitute team member when needed, always ready and can help with tasks.

1. What is a good project structure? Why good project structure matters?

Good project structure ensures that everyone know their function, authority and what is expected of them. Good project structure meets the project needs throughout it phases.