

WiseTech Global – Developer Test

Instructions for candidates taking our technical test

As part of our recruitment process, we ask candidates to complete a number of problem solving exercises. You are required to solve these problems using a programming language of your choice.

The assessment comes in two parts.

For the **first**, you are given a scenario and asked to return a solution to the problem. For this task, you will be measured in 3 dimensions:

- **Time** The time taken to complete the exercise
- **Elegance** The quality / elegance / clarity of the solution and code
- **Outcome** The correctness of the output

We are testing your professional **problem deconstruction and solution abilities**. Clearly Time, Elegance and Outcome are all important in a commercial work environment. You must make professional judgement about the need to *balance all 3 constraints* and how accurately to meet the requirements. You are not able to access the internet for this part of the test

Once you have completed this task, you are required to save your solution to a USB provided to you by reception. They will then provide you with a WiFi password and you are able to access the second task that has been sent to you via email.

The **second** task will be provided to you via email. You can access a link from this email that will take you to 2 problem solving tasks. Some candidates prefer to code in their own Developer environment. If you would prefer this method, please ensure you are set up before beginning the task. Please also ensure you have correctly submitted your code through the platform within the time limit.

Assessment:

- Please note that whilst you are automatically assessed by the platform on correctness and performance our Developers at WiseTech will also be manually assessing your code. For this reason you should take into account the structure and design of your solution when submitting.

Some other things to take into account:

- The solutions can be done in a number of ways however for the questions assessed on performance, certain inefficient algorithms will be unable to achieve full marks.
- We are assessing the way you think and approach problems. If you have extra information you would like us to see that helped contribute to your solution please send to michael.ambrose@wisetechglobal.com
- Some candidates prefer to code in their own Developer environment. If you would prefer this method, please ensure you are set up before beginning the task. Please also ensure you have correctly submitted your code through the platform within the time limit.
- You should ensure your application works with the sample inputs provided in each exercise. However it should also be noted that to achieve full marks, candidates need to be thorough and consider more complex edge cases than those publicly provided.
- You should be careful about over-engineering. We are not assessing your skills in a certain programming language – we are assessing your ability to deconstruct and solve problems.