

11.06.2022 – Day 1

Hamburg Coding School



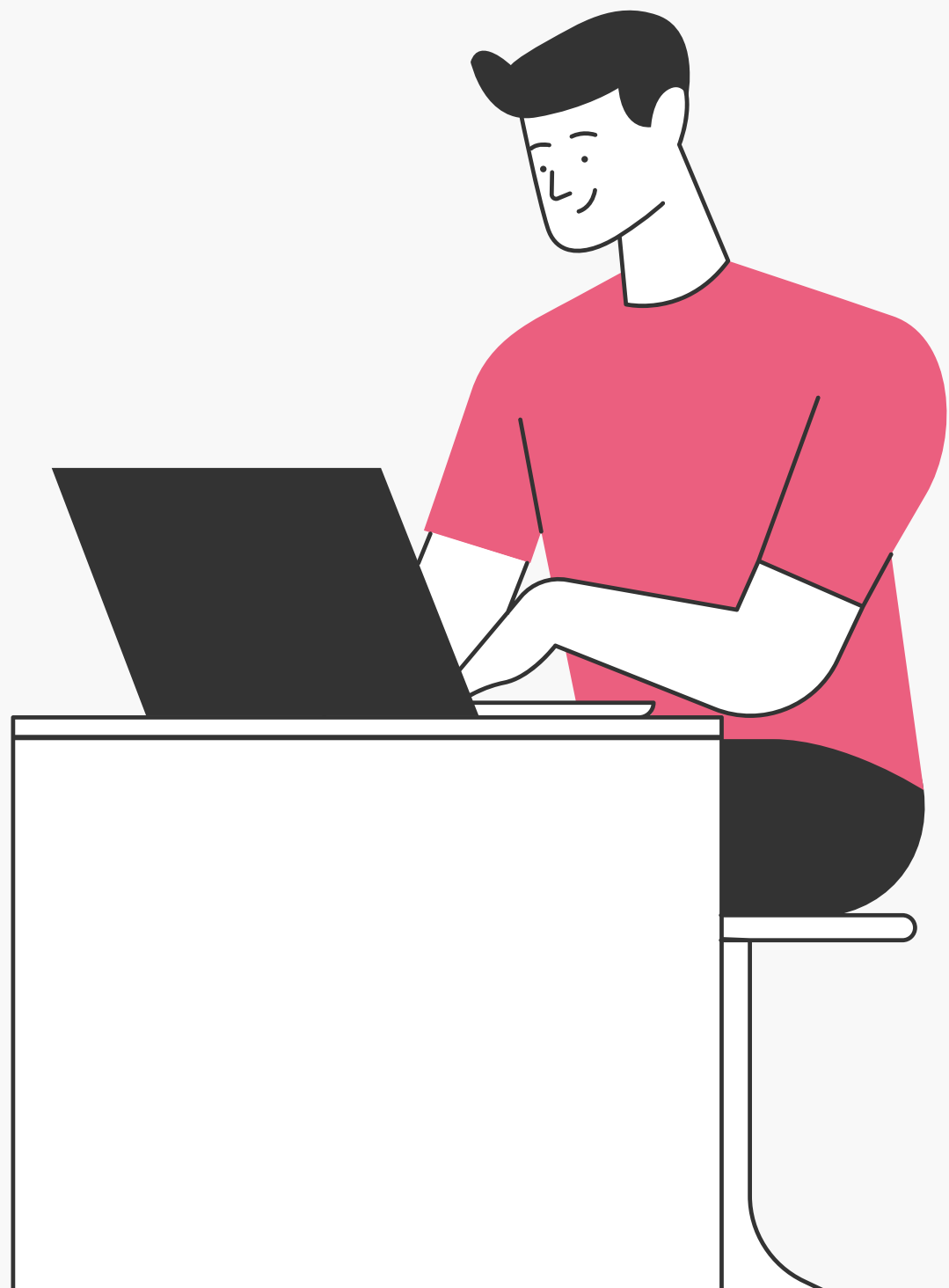
# Testing with JavaScript

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# **What is testing?**

# Why do we test?



*Software Testing is necessary  
because we all make mistakes.*

# Why do we test?

1. *Software testing is really required to point out the defects*

# Why do we test?

*2. It is very important to ensure the Quality of the product*

# Why do we test?

*3. High quality product or software application*

# Why do we test?

*4. Easy while adding new features*



# Why do we test?

*5. Enhancing the development process*

# Different Types of Testing in Software



# Different Types of Testing in Software

1. Accessibility testing
2. Acceptance testing (UAT)
3. Black box testing
4. End to end testing



# Different Types of Testing in Software



5. Functional testing

6. Interactive (manual)  
testing

7. Integration testing

8. Load testing

# Different Types of Testing in Software

1. To go to amazon.de
2. You need to header (see attachment)



# Different Types of Testing in Software

9. Non functional testing

10. Performance testing

11. Regression testing

12. Sanity testing



# Different Types of Testing in Software

13. Security testing

14. Single user performance testing

15. Smoke testing

16. Stress testing



# Different Types of Testing in Software

17. Unit testing

18. White-box testing

19. User Interface testing

20. API testing





Time for game

**[https://kahoot.it?  
pin=6398366&refer\\_m  
ethod=link](https://kahoot.it?pin=6398366&refer_method=link)**

# Black-Box Testing

The technique of testing without having any knowledge of the interior workings of the application

# White-Box Testing

White-box testing is the detailed investigation of internal logic and structure of the code.

# Grey-Box Testing

Grey-box testing is a technique to test the application with having a limited knowledge of the internal workings of an application.

# **Happy path vs. Unhappy path**