**BaseCamp Dossier**

**Name:** Joshua van der Jagt

**Student number:** 1092067

**Subject:** BaseCamp

**Teacher 1:** Klein Hegeman, P.

**Teacher 2:** Vaziri, F.

**Date:** t.b.a.

**Preface**

[This is where you write a short preface. Give a brief introduction of your dossier, go into your individual experiences with Basecamp and a thank you to those who helped or supported you during your studies. End with your name and date. Write in a personal but professional style.

**Content**

**1. Feedback loop**

1.1. Self-evaluation - **Week 3**

1.2. Feedback session: Report - **Week 4/5**

1.3. Plan of approach: Learning goals - **Week 6**

1.4. Peer-evaluation - **Week 7**

1.5. Self-evaluation - **Week 8**

1.6. Feedback session: Report - **Week 9/10**

1.7. Plan of approach: Learning goals - **Week 11**

1.8. Peer-evaluation - **Week 12**

1.9. Self-evaluation: end conclusion – **Week 13/14**

**2. CodeGrade**

2.1. Assignments & Problems

2.2. Class learning activities

2.2.1. Arch 1

2.2.2. Arch 2

2.2.3. Arch 3

**3. Appendices**

3.1. Tables Plan of approach

3.2. Completed peer evaluations learning team

3.3. Other *necessary* appendices, which contribute to proving the learning outcomes

*[NOTE: Challenge weeks are not part of the dossier; therefore, do not include in the dossier, even as an attachment].*

**1. Feedback loop**

**1.1. Self-evaluation - Week 3**

***How do you feel about your choice of study programme after the first few weeks?***

I think I have made the right choice. Everything is going well, and I enjoy going to school.

***How do you experience BaseCamp compared to your expectations beforehand?***

I did not really know what to expect before I started this study, so this is a tricky question to answer. I am enjoying BaseCamp though, so I am experiencing it well.

***How do you feel about the class?***

I like our class; we have a diverse group of people who come from various levels of education. People are friendly overall.

***How do you feel about your learning team?***

My learning team is great, all of us became friends after the first day already. The teamwork in our learning team is also going well.

***What went well the past few weeks?***

The exercises, problems and assignments went well. I am quite ahead of schedule, so I also made some notes based on the Python book and I helped my learning team with any questions they had. I also started working on my dossier which went well.

***What went not so well the past few weeks? Or was difficult?***

Nothing really, the first few weeks are quite easy for me because of the experience I already have. Working on the dossier has also not been a problem.

***What is your step-by-step plan if you get stuck?***

If it is programming related, I usually first look up my question on internet. If that does not help me, I will ask my learning team and the teachers for help.

If I have any other questions, I will ask my teachers.

***What resources do you have available to you for Basecamp?***

The Python book, the teachers, all the class materials on Teams and the whole internet.

***What do you think about the content of Basecamp?***

It is set up well. For me it is going quite slow these first few weeks, but if I would have had no earlier experience with programming, I think it would be a good pace and program for understanding the concepts.

For now, I also understand the professional skills well.

***How do you feel about learning to program in Python?***

The first programming language I learned was C++ and most of my experience is in C++ and Java, so Python is quite difficult for me.

For me it is more the Python syntax and paradigms that are difficult, not the problem solving, so I should be fine. The more I use it the more I start to understand it, so it is going well.

*You have completed the study habits and skills checklist.*

***What was the result?***

I got 150/224 points.

***To what extent do you recognize yourself in the results?***

I agree with the result I got. There definitely are things I could improve on. But I also believe that doing what is comfortable for me, instead of the statistically perfect thing to do, has some value.

**1.2. Feedback session: Report - Week 4/5**

***What things are going well according to your teacher?***

My teacher thinks I am working well, they also told me that it is clear to them what I am working on at any given moment.

***Did you discuss things that could/should be improved? If so, what are they?***

Not for now, we briefly discussed the study habits and skills checklist we filled in and we concluded that if a study method works for me but is not the scientifically proven method, that it can still work well if you are used to it.

***Did you and your teacher make an agreement(s) for the time coming?***

Not really, mostly just that I should continue working like I am doing now.

***4. How do you feel about the feedback received? Do you recognise the points that were discussed?***

I am happy with the feedback I got; it is good to hear that the things I am working on are clear to the teachers.

**1.3. Plan of approach: Learning goals - Week 6**

**1.3.1. Learning goal Professional Skills**

*“In Arch 2, I want to try to ask more questions about programming related problems I am having. My whole life I have always been a bit of a perfectionist, and when I ask someone questions when I am not figuring something out, I felt like I failed myself, or like I was dumb. Over the last few years, I have improved on this, but I still want to keep it a focus.*

*To achieve this, I want to try to ask a question about a programming problem or assignment when I am not figuring it out at least once per week, unless I get a 10 for every assignment and problem in CodeGrade.*

*This is achievable for me; I have already asked Farzad a question about an assignment, so for now, I am doing well.*

*I feel asking good questions and not hesitating to do so is a valuable skill to have, I know I sometimes struggle with it, so I want to build confidence that asking questions is not specifically a sign of unintelligence.”*

**1.3.2. Learning Goal Programming**

*“In Arch 2, I want to try to get a 10 for every problem and assignment in CodeGrade. I am ahead of schedule so this should be achievable for me.*

*Right now, we just started week 6 and I was already done with week 7 last week. There is one assignment I have not yet gotten a 10 for, so I will be working on that.*

*I did not have a lot of experience with Python before starting this study, I feel like this goal is a nice way to improve on that. This is because CodeGrade also cares about code quality and ‘cleanliness’, and not only correctness.”*

**1.4. Peer-evaluation - Week 7**

**Part A**

***3. Discuss the feedback you wrote down in question 2 with your team members. Write down what feedback you received from your team members.***

This is what I do well:

**Matt:** *Your work ethic is impressive - you consistently finish tasks early and are always ahead of the schedule. You’re always there to help us when we're stuck. I value how you teach us different approaches to problem solving.*

**Kacper:** *You do your work very well, are helpful and are always done with the work ahead of time.*

**Julian:** Always on track and great at explaining concepts. He has helped me a lot grasping the concept of coding.

**Telmo:** *He is already done with everything before the arch even begins, keep going you got this easy.*

These are points for development:

**Matt:** *Keep up the good work, there's no need for you to make any changes.*

**Kacper:** *At this moment in time there I cannot think of anything that you can improve on.*

**Julian:** *No comment.*

**Telmo:** *No feedback.*

**Part B**

***Find a student from a different learning team and decide together which programming assignment from week 3, 5 or 6 you are going to review. Look at the code of your fellow student and answer the following questions:***

***1. Which programming assignment did you review?***

***Programming assignment:*** *A2W5A1 – Processing Student Data*

***Student:*** *Kacper* *Siudowski (1089443)*

***2. Do the variables have correct names? (Is it a description of what it contains? Which one(s) would you name differently? Are there obsolete variables? How does this code compare to your code?)***

*No obsolete variables, there are some variable names for which I had to ask Kacper for clarification. For example: ident meaning the id for the contact that is about to be created.*

***3. Does the code do what it’s supposed to do? And is the code clear in what it does? How does this compare to how you solved it?***

*The code is mostly clear to me, the merging contacts function needed some explanation, but the merging is a difficult task so that is expected.*

***4. How do the if/while statements look? (Think about: are they clear and clean, are there obsolete statements?) How does this compare to how you solved it?***

*They look clear.*

***5. Are the PEP8 guidelines for Python applied? Where does this go well? Where can it be improved?***

*Yes, no improvements.*

***6. Is there a simpler solution possible? Compare your code with that of your fellow student. What differences and similarities do you see?***

*This is a difficult assignment, there are probably easier solutions but none that I can think of. This code works so that’s what is important.*

***7. How is wrong input handled? (If applicable to the assignment you chose)***

*On invalid input the user is asked for input again, this is correct.*

***8. Write a short summary of your findings in Part B question 3 to 8. What goes well? What can be improved? What differences and similarities do you notice when you compare your code with the code of your fellow student?***

*Kacper’s solution is clear, and it works. There is one inconsistency in his definitions of lists, sometimes he uses list() and sometimes he uses []. The PEP8 guidelines are followed, and the loops are clear. He uses mostly descriptive variable names.*

*My solution to the same assignment is very similar to his, except for the merging function, which is the most difficult part of this assignment.*

**1.5. Self-evaluation - Week 8**

***1. How do you feel about your choice of study program now?***

*I still think I have made the right choice; the problems and assignments are going well, and I am enjoying my time here.*

***2. How do you experience Basecamp compared to your expectations?***

*Basecamp is going well, I like most of the problems and assignments, CodeGrade is a bit annoying sometimes. The professional skills assignments are also going well. It is meeting my expectations right now.*

***3. What went well in recent weeks? Or what are you proud of?***

*I got a 10 for every CodeGrade assignment and problem, I also passed both challenges we have had until now.*

***4. What hasn't gone so well in recent weeks? Or what was difficult?***

*I have not really had any struggles thus far. Mostly CodeGrade being annoying has been my biggest struggle.*

***5. To what extent does the schedule of Basecamp match your study pace?***

*I am usually ahead of schedule, so the pace is a bit slow for me, but that is not an issue because there are of course also students that are not as fast.*

**Evaluation learning objectives**

***6. What learning objectives have you set?***

***a. Professional Skills:***

*I wanted to ask more questions about programming-related problems I have.*

***b. Computer programming:***

*I wanted to pass with a 10 for every CodeGrade problem and assignment.*

***7. What activities did you undertake to work on the learning objectives?***

*I have asked more questions about my programming issues. I also got a 10 for every CodeGrade problem and assignment in Arch 1 and 2.*

***8. What could you possibly do in addition to what you have done so far? Or what could you do differently?***

*I am happy with the things I have achieved thus far. I will continue with the same objectives in Arch 3.*

**1.6. Feedback session: Report - Week 9/10**

***1. What things are going well according to your teacher?***

*My teacher thinks I am well on track with all assignments. She also told me that is it good that I quickly keep track of all the things I have done by writing it down in my dossier. She also thinks I have a good study attitude and that I should keep this up.*

***2. Did you discuss things that could/should be improved? If so, what are they?***

*Not really no.*

***3. Did you and your teacher make agreements for the time coming?***

*We discussed some new goals for me, I want to stay on track with the programming assignments and I want to keep asking questions when I am stuck with anything.*

*I also had some complaints about certain CodeGrade assignments. We agreed that I could possibly try and make some improvements to them. This way we could still learn the important subjects but in a less forced way. This is at least how it felt for me.*

***4. How do you feel about the feedback received? Do you recognise the points that were discussed?***

*I am happy with the feedback I received; I also agree with it and recognize the points that were made.*

**1.7. Plan of approach: learning goals - Week 11**

**1.7.1. Learning goal Professional Skills**

*“In Arch 2, I set the goal to try to ask more questions about programming related problems I had, I think I did succeed in this. I did not have many questions about my programming assignments, but I did ask Farzad for some extra assignments and if I had any problems with those, I asked him about it. In this and the following Arch I would like to continue this goal.*

*So, the following Arch, I want to try to keep asking questions whenever I am stuck with something, this is because I still struggle a bit with asking for help.”*

**1.7.2. Learning Goal Programming**

*“In Arch 2, I had the learning goal to try and get a 10 for every CodeGrade assignment. I succeeded in this during Arch 2, in Arch 3, I did not get a 10 for one assignment, but for the rest I did.*

*I discussed this with Pascale during my review, she told me that I should also be proud of my results, and I realized that I did not really do that yet.*

*My programming learning goal for this Arch will be to get a grade as high as possible and to also be proud of the results I get, even if it’s not all a 10. To do succeed this, I will try my absolute best when working on the problems and assignments. I am certain that this is doable for me.”*

**1.8. Peer-evaluation - Week 12**

**Part A**

***1. How or with what knowledge/skill can you help/support other team members?***

*Everyone in my team is doing quite well, so I don’t have a lot to help them with, whenever they have questions, I can of course help them with that.*

***2. With what could you use help/support from other team members?***

*Similarly to how I can help them, I don’t really need a lot of assistance, so if I ever have any questions, they can help me, and they have done so in the past.*

***4. Discuss the feedback you wrote down in question 2 with your team members. Write down what feedback you received from your team members.***

This is what I do well:

**Matt:** Joshua, you being always ahead of schedule and willingness to help others with their questions are impressive.

**Kacper:** *You are always ready to help, finish the exercises on time and are quick to understand programming concepts.*

**Julian:**

**Telmo:** Joshua is becoming really good at programming and developing a programmer-like mind, he also helps us the most, he is always available to help and does it freely!

These are points for development:

**Matt:** Joshua, I don't have much feedback, but if I had to mention something, you always aim for a 10/10 score from CodeGrade. However, it is not always necessary.

**Kacper:** *I do not see any points of improvement.*

**Julian:**

**Telmo:** *I don’t have points of improvement for Joshua.*

**Part B**

***1. Find a student from a different learning team and decide together which programming assignment from week 9, 10 or 11 you are going to review. Look at the code of your fellow student and answer the following questions:***

***2. Which programming assignment did of which student did you review?***

#### ***Programming assignment:*** A3W09P3 – Password manager

***Student:*** *Matt Mrozek (*1093918)

***3. Do the variables have correct names? (Is it a description of what it contains? Which one(s) would you name differently? Are there obsolete variables? How does this code compare to your code?)***

*Variable names are correct and descriptive.*

***4. Does the code do what it’s supposed to do? And is the code clear in what it does? How does this compare to how you solved it?***

*The code does what it is supposed to do, he solved it in a very similarly to me.*

***5. How do the if/while statements look? (think about: are they clear and clean, are there obsolete statements?) How does this compare to how you solved it?***

*If and while statements are correct, he also does not use redundant if conditions.*

***6. Are the PEP8 guidelines for Python applied? Where does this go well? Where can it be improved?***

*The initialization function should be written as* \_\_init\_\_() *and not as* init().

***7. Is there a simpler solution possible? Compare your code with that of your fellow student. What differences and similarities do you see?***

*My code is quite similar, I don’t think any of them is superior.*

*He does use a list of strings in which he first checks if a new addition to that list is not already in it, for this it would be better to use a set.*

***8. How is a wrong input handled? (if applicable to the assignment you chose)***

*For this assignment every input is valid, because the password can contain any character.*

***9. Write a short summary of your findings in Part B question 3 to 8. What goes well? What can be improved? What differences and similarities do you notice when you compare your code with the code of your fellow student?***

*The program works well, there was one error in the initialization function, and he could have used a set instead of a list for the old passwords.*

*Apart from that the program does work.*

**1.9. Self-evaluation: end conclusion – Week 13/14**

**A. Evaluation learning goals**

**Professional Skills**

**Week 6:**

*“In Arch 2, I want to try to ask more questions about programming related problems I am having. My whole life I have always been a bit of a perfectionist, and when I ask someone questions when I am not figuring something out, I felt like I failed myself, or like I was dumb. Over the last few years, I have improved on this, but I still want to keep it a focus.*

*To achieve this, I want to try to ask a question about a programming problem or assignment when I am not figuring it out at least once per week, unless I get a 10 for every assignment and problem in CodeGrade.*

*This is achievable for me; I have already asked Farzad a question about an assignment, so for now, I am doing well.*

*I feel asking good questions and not hesitating to do so is a valuable skill to have, I know I sometimes struggle with it, so I want to build confidence that asking questions is not specifically a sign of unintelligence.”*

**Week 11:**

*“In Arch 2, I set the goal to try to ask more questions about programming related problems I had, I think I did succeed in this. I did not have many questions about my programming assignments, but I did ask Farzad for some extra assignments and if I had any problems with those, I asked him about it. In this and the following Arch I would like to continue this goal.*

*So, the following Arch, I want to try to keep asking questions whenever I am stuck with something, this is because I still struggle a bit with asking for help.”*

***We would like to get a good picture of your development regarding professional skills. Answer the questions below. Provide good evidence. Provide at least 1, no more than 2 pieces of evidence that support your development.***

***1. Looking at your learning goals related to professional skills, how have you developed on these goals? What results have you achieved? What succeeded and what didn't (completely)? What has noticeably/visibly improved and/or changed for yourself and others?***

*I have tried my best to ask more questions regarding programming. I did not have many struggles, but whenever I was done with the assignments for the Arch, I asked Farzad for some extra exercises. If I ever was stuck at something, I asked my learning team, and they have helped me.*

***2. To what extent was your approach effective? What could you have improved (with your current understanding) in your approach?***

*I am happy with the approach I took, I often first tried to figure it out myself, but when I was really stuck, I reached out for help.*

***3. What will you take with you from what you learned into the future? (e.g., to the 2nd semester?)***

*Asking for help is not a terrible thing to do.*

**Programming**

**Week 6:**

*“In Arch 2, I want to try to get a 10 for every problem and assignment in CodeGrade. I am ahead of schedule so this should be achievable for me.*

*Right now, we just started week 6 and I was already done with week 7 last week. There is one assignment I have not yet gotten a 10 for, so I will be working on that.*

*I did not have a lot of experience with Python before starting this study, I feel like this goal is a nice way to improve on that. This is because CodeGrade also cares about code quality and ‘cleanliness’, and not only correctness.”*

**Week 11:**

*“In Arch 2, I had the learning goal to try and get a 10 for every CodeGrade assignment. I succeeded in this during Arch 2, in Arch 3, I did not get a 10 for one assignment, but for the rest I did.*

*I discussed this with Pascale during my review, she told me that I should also be proud of my results, and I realized that I did not really do that yet.*

*My programming learning goal for this Arch will be to get a grade as high as possible and to also be proud of the results I get, even if it’s not all a 10. To do succeed this, I will try my absolute best when working on the problems and assignments. I am certain that this is doable for me.”*

***We would like to get a good picture of your development regarding programming. Answer the questions below. Provide good evidence. Provide at least 1, no more than 2 pieces of evidence that support your development.***

***1. Looking at your learning goals related to programming, how have you developed on these goals? What results have you achieved? What succeeded and what didn't (completely)? What has noticeably/visibly improved and/or changed for yourself and others?***

*I have gotten a 10 for all but one problems, assignments and extra problems on CodeGrade.*

***2. To what extent was your approach effective? What could you have improved (with your current understanding) in your approach?***

*My approach was to just do the exercises in my own time, because I find that I can often work better that way. This has helped me to get these good grades. I also enjoy programming, so it was often also fun for me to work on.*

***3. What will you take with you from what you learned into the future? (e.g., to the 2nd semester?)***

*That I can code quite well, but I should still do my best to get optimal results.*

**B. Evaluation learning goals**

***The study guide describes the learning outcomes of Basecamp. In class, you actively worked with this; what are the learning outcomes and what does it all mean?***

***Using this form, you are going to evaluate the learning outcomes.***

***Take the assessment form from the study guide. Using the assessment form, describe the extent to which you have developed on the items listed below.***

***These items will be covered during the assessment. So, work out the items carefully.***

***Professional Skills***

**Student success**

***· What am I already good at?***

*I am strict with myself in what I find good, regarding my programming. So, I really tried my best to get optimal results. The feedback I got from my learning team was good overall and the tips I got from them were helpful for me.*

***· What can I still improve?***

*I am not very good at giving feedback to others, this is something I still need to improve on.*

**Research**

***· What am I already good at?***

*Whenever I do research, I often check multiple sources to get a correct answer. I don’t just look at the first result and take that for the correct answer.*

***· What can I still improve?***

*I almost never check who wrote the answer when I am looking up something on the internet. This is something I don't find as important, but I can improve on it.*

**Problem solving**

***· What am I already good at?***

*I am quite good at identifying problems and finding the core problem to find a solution. This is because for my work, I help high school students with their homework, and answer their questions when they have problems. So, I have had a lot of experience.*

***· What can I still improve?***

*Sometimes, I have found a solution to a problem, but I am not entirely happy with it. Then I want to improve it, but I can’t do it because I do not have enough information on the subject. This often leaves me frustrated.*

***Programming***

**Basic and advanced structures**

***· What am I already good at?***

*I have a lot of experience with programming, so I understand this well and it was easy for me to adapt to a different language, because I have never really programmed in Python before.*

***· What can I still improve?***

*Nothing really, I grasp the basics and syntax of Python well.*

**Debugging and testing**

***· What am I already good at?***

*I have a lot of experience with C++, this is a language that tends to create a lot of bugs because of the freedom you get with the language. So, I have spent a lot of time debugging in this language. It was not very difficult for me to transfer this knowledge to Python.*

***· What can I still improve?***

*I still need to learn to fully use the Python debugger. I also find writing tests a bit difficult sometimes.*

**Data processing**

***· What am I already good at?***

*I already had some experience with using plain text files to store information, JSON and CSV were not that difficult for me too.*

***· What can I still improve?***

*I have not used many databases before, so that is something that is new for me, though the exercises about databases are going well.*

**C. Evaluation BaseCamp**

***You have now written an evaluation of your learning goals and learning outcomes. We are also curious how you experienced Basecamp; where did you start and where are you now?***

***1. Describe here how you look back on Basecamp. How did you experience it? What did you learn along the way?***

*Honestly, BaseCamp was quite easy for me. I already had a lot of experience with programming because of my previous study but also because of personal projects.*

*Some of the problems and assignments were fun to do though, so I can respect that.*

*This is not an insult to BaseCamp, I understand that some students could really use this start from scratch.*

***2. What are you most proud of (both personally and technically)?***

**Personal:**

*I am less afraid to ask questions, this is likely because the other students in my class and the teachers are very friendly and open to help.*

**Technical:**

*I understand databases a lot better now, this is something that I did not understand at all before. I am happy that it is clearer to me now.*

***3. Give a tip and a top regarding Basecamp.***

**Tip:** *I sometimes felt like I was being babied during BaseCamp. It felt to me like the teachers sometimes thought that we were very stupid and that we could not logically think by ourselves.*

**Top:** *The challenges and some of the problems and assignments were fun to do. I especially enjoyed challenge 2, where we had to solve programming puzzles.*

**2. CodeGrade**

**2.1. Assignments & problems**

|  |  |
| --- | --- |
| **Assignment description** | **CodeGrade-link** |
| A1W1A1 - Year to month & day | <https://app.codegra.de/courses/6294/assignments/53619/submissions/6437458/files/86746794?revision=student> |
| A1W1A2 - Tax & Tip | <https://app.codegra.de/courses/6294/assignments/53620/submissions/6437646/files/86747600?revision=student> |
| A1W1P1 - Hello name | <https://app.codegra.de/courses/6294/assignments/53627/submissions/6440302/files/86763195?revision=student> |
| A1W1P2 - Year to month and day | <https://app.codegra.de/courses/6294/assignments/53628/submissions/6434653/files/86712764?revision=student> |
| A1W1P3 - Room area | <https://app.codegra.de/courses/6294/assignments/53629/submissions/6436982/files/86742696?revision=student> |
| A1W1P4 - Weight calculation | <https://app.codegra.de/courses/6294/assignments/53630/submissions/6437031/files/86743000?revision=student> |
| A1W1P5 - Four digit sum | <https://app.codegra.de/courses/6294/assignments/53631/submissions/6437311/files/86745787?revision=student> |
| A1W1P6 - Hours, minutes, and seconds | <https://app.codegra.de/courses/6294/assignments/53632/submissions/6437350/files/86746030?revision=student> |
| A1W2A1 - Immediate successor | <https://app.codegra.de/courses/6294/assignments/53621/submissions/6442652/files/86790379?revision=student> |
| A1W2P1 - Even or Odd | <https://app.codegra.de/courses/6294/assignments/53633/submissions/6440376/files/86763746?revision=student> |
| A1W2P2 - Leap year | <https://app.codegra.de/courses/6294/assignments/53634/submissions/6440418/files/86763916?revision=student> |
| A1W2P3 - Sides to shape | <https://app.codegra.de/courses/6294/assignments/53635/submissions/6441121/files/86771065?revision=student> |
| A1W2P4 - Triangle type | <https://app.codegra.de/courses/6294/assignments/53636/submissions/6441266/files/86773452?revision=student> |
| A1W2P5 - Dutch holidays | <https://app.codegra.de/courses/6294/assignments/53637/submissions/6441436/files/86777425?revision=student> |
| A1W2P6 - Dog years | <https://app.codegra.de/courses/6294/assignments/53638/submissions/6441547/files/86780437?revision=student> |
| A1W2P7 - Chessboard colors | <https://app.codegra.de/courses/6294/assignments/53639/submissions/6441851/files/86782535?revision=student> |
| A1W2P8 - License plate | <https://app.codegra.de/courses/6294/assignments/53640/submissions/6442206/files/86786549?revision=student> |
| A1W3A1 - Predefined templates | <https://app.codegra.de/courses/6294/assignments/53622/submissions/6444027/files/86801219?revision=student> |
| A1W3P1 - Simple palindrome | <https://app.codegra.de/courses/6294/assignments/53641/submissions/6453232/files/86854821?revision=student> |
| A1W3P2 - Advanced palindrome | <https://app.codegra.de/courses/6294/assignments/53642/submissions/6453309/files/86855268?revision=student> |
| A1W3P3 - Modular rectangles | <https://app.codegra.de/courses/6294/assignments/53643/submissions/6454446/files/86864217?revision=student> |
| A1W3P4 - Celsius to Fahrenheit | <https://app.codegra.de/courses/6294/assignments/53644/submissions/6454537/files/86865214?revision=student> |
| A1W3P5 - Multiplication table | <https://app.codegra.de/courses/6294/assignments/53645/submissions/6454658/files/86865967?revision=student> |
| A1W3P6 - Binary to Decimal | <https://app.codegra.de/courses/6294/assignments/53646/submissions/6454754/files/86866321?revision=student> |
| A1W3P7 - Truth tables | <https://app.codegra.de/courses/6294/assignments/53648/submissions/6454936/files/86867318?revision=student> |
| A1W4L1 - Learning Activity | *See 2.2.1.* |
| A1W4L2 - Learning Activity | *See 2.2.1.* |
| A1W4L3 - Learning Activity | *See 2.2.1.* |
| A2W5A1 - Processing student data | <https://app.codegra.de/courses/6294/assignments/53623/submissions/6800110/files/91003705?revision=student> |
| A2W5P1 - Automated arithmetics | <https://app.codegra.de/courses/6294/assignments/53650/submissions/6788194/files/90678853?revision=student> |
| A2W5P2 - Taxi Fares | <https://app.codegra.de/courses/6294/assignments/53649/submissions/6793126/files/90917047?revision=student> |
| A2W5P3 - Triangle Checker | <https://app.codegra.de/courses/6294/assignments/53651/submissions/6793268/files/90920395?revision=student> |
| A2W5P4 - Integer checker | <https://app.codegra.de/courses/6294/assignments/53653/submissions/6794326/files/90955901?revision=student> |
| A2W5P5 - Simple Password Generator | <https://app.codegra.de/courses/6294/assignments/53652/submissions/6793654/files/90930042?revision=student> |
| A2W5P6 - Twelve Days of Christmas | <https://app.codegra.de/courses/6294/assignments/53654/submissions/6794033/files/90943907?revision=student> |
| A2W6A1 - Addressbook | <https://app.codegra.de/courses/6294/assignments/53624/submissions/7091979/files/96118546?revision=student> |
| A2W6P1 - Unique Characters | <https://app.codegra.de/courses/6294/assignments/53656/submissions/6802281/files/91047481?revision=student> |
| A2W6P2 - Book Information | <https://app.codegra.de/courses/6294/assignments/53657/submissions/6802344/files/91048033?revision=student> |
| A2W6P3 - Valid Password Checker | <https://app.codegra.de/courses/6294/assignments/53658/submissions/6802377/files/91048235?revision=student> |
| A2W6P4 - Average Temperatures | <https://app.codegra.de/courses/6294/assignments/53659/submissions/6803267/files/91061806?revision=student> |
| A2W6P5 - Morse Code Translator | <https://app.codegra.de/courses/6294/assignments/53660/submissions/6815098/files/91250434?revision=student> |
| A2W7A1 - Name hasher | <https://app.codegra.de/courses/6294/assignments/53625/submissions/6877821/files/92335161?revision=student> |
| A2W7P1 - Daily Temperatures Amsterdam | <https://app.codegra.de/courses/6294/assignments/53655/submissions/6827091/files/91390640?revision=student> |
| A2W7P2 - Netflix titles | <https://app.codegra.de/courses/6294/assignments/53662/submissions/6835493/files/91471679?revision=student> |
| A3W9A1 - Car parking | <https://app.codegra.de/courses/6294/assignments/53626/submissions/7088101/files/96084798?revision=student> |
| A3W9P1 - Car dealer program | <https://app.codegra.de/courses/6294/assignments/53663/submissions/7086052/files/96041609?revision=student> |
| A3W9P2 - Product shop | <https://app.codegra.de/courses/6294/assignments/53664/submissions/7086152/files/96045204?revision=student> |
| A3W9P3 - Password manager | <https://app.codegra.de/courses/6294/assignments/53665/submissions/7086238/files/96051455?revision=student> |
| A3W9P4 - Distance Converter | <https://app.codegra.de/courses/6294/assignments/53666/submissions/7087577/files/96078489?revision=student> |
| A3W10A1 - Car parking logger | <https://app.codegra.de/courses/6294/assignments/53647/submissions/7105272/files/96490218?revision=student> |
| A3W10O1 - File line numbers | <https://app.codegra.de/courses/6294/assignments/53669/submissions/7091890/files/96118119?revision=student> |
| A3W10O2 - Word to password generator | <https://app.codegra.de/courses/6294/assignments/53672/submissions/7091999/files/96120574?revision=student> |
| A3W10O3 - Repeating word detector | <https://app.codegra.de/courses/6294/assignments/53673/submissions/7164467/files/97149245?revision=student> |
| A3W10O4 - Sensitive word replacer | <https://app.codegra.de/courses/6294/assignments/53674/submissions/7092934/files/96150520?revision=student> |
| A3W10P1 - Python head program | <https://app.codegra.de/courses/6294/assignments/53667/submissions/7093040/files/96151703?revision=student> |
| A3W10P2 - Python tail program | <https://app.codegra.de/courses/6294/assignments/53668/submissions/7093157/files/96152025?revision=student> |
| A3W10P3 - Longest word identifier | <https://app.codegra.de/courses/6294/assignments/53670/submissions/7093476/files/96165136?revision=student> |
| A3W10P4 - Word occurrences | <https://app.codegra.de/courses/6294/assignments/53671/submissions/7094906/files/96212412?revision=student> |
| A3W10P5 - Comments remover | <https://app.codegra.de/courses/6294/assignments/53678/submissions/7095510/files/96223998?revision=student> |
| A3W10P6 - Comments checker | <https://app.codegra.de/courses/6294/assignments/53675/submissions/7095773/files/96232315?revision=student> |
| A3W11A1 - Car parking extended | <https://app.codegra.de/courses/6294/assignments/53661/submissions/7164406/files/97149013?revision=student> |
| A3W11P1 - Movie collection | <https://app.codegra.de/courses/6294/assignments/53676/submissions/7110486/files/96572624?revision=student> |
| A3W11P2 - Banned videogames | <https://app.codegra.de/courses/6294/assignments/53677/submissions/7120241/files/96653858?revision=student> |
| A4W13A1 - Car parking final | <https://app.codegra.de/courses/6294/assignments/53681/submissions/7375636/files/99740363?revision=student> |
| A4W13P1 - Student database | <https://app.codegra.de/courses/6294/assignments/53679/submissions/7355953/files/99606405?revision=student> |
| A4W13P2 - Bookstore | <https://app.codegra.de/courses/6294/assignments/53680/submissions/7359573/files/99631847?revision=student> |
| A4W14A1 - Name hasher 2.0 | <https://app.codegra.de/courses/6294/assignments/53684/submissions/7375949/files/99742790?revision=student> |
| A4W14P1 - Sorting strings | <https://app.codegra.de/courses/6294/assignments/53682/submissions/7375833/files/99742178?revision=student> |
| A4W14P2 - Code performance | <https://app.codegra.de/courses/6294/assignments/53683/submissions/7375905/files/99742576?revision=student> |
| A4W14P3 – Student results |  |
| A4W15A1 - Folder structure |  |
| A4W15P1 - Positive numbers recursion |  |
| A4W15P2 - Factorial |  |
| A4W15P3 - Find in list |  |
| A4W16M1 - Final Project |  |

**2.2. Class learning activities**

**2.2.1. Arch 1**

|  |  |
| --- | --- |
|  | **CodeGrade-link** |
| A1W4L1 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53690/submissions/6965554/files/93759084?revision=student> |
| A1W4L2 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53691/submissions/6965563/files/93760037?revision=student> |
| A1W4L3 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53692/submissions/6965571/files/93760057?revision=student> |

**2.2.2. Arch 2**

|  |  |
| --- | --- |
| **Assignment description** | **CodeGrade-link** |
| A1W8L1 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53693/submissions/6965484/files/93757557?revision=student> |
| A1W8L2 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53694/submissions/6965498/files/93757596?revision=student> |
| A1W8L3 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53695/submissions/6965512/files/93757772?revision=student> |

**2.2.3. Arch 3**

|  |  |
| --- | --- |
| **Assignment description** | **CodeGrade-link** |
| A1W12L1 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53696/submissions/7121426/files/96663388?revision=student> |
| A1W12L2 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53697/submissions/7215050/files/97831316?revision=student> |
| A1W12L3 - Learning Activity | <https://app.codegra.de/courses/6294/assignments/53698/submissions/7122795/files/96681195?revision=student> |

**3. Appendices**

**3.1. Tables Plan of approach**

**3.2. Completed peer evaluations learning team**

**Week 7**

***1. Give some of the do’s and don’ts of giving and receiving feedback.***

***Do’s:*** *Be honest, be clear, be friendly.*

***Don’ts:*** *Be aggressive, attack personal points.*

***2. Describe for each team member at least one thing he/she does well and at least one point for development.***

What they do well:

**Team member 1 Matt:**

*When Matt has a problem with programming assignments or problems, he can clearly explain the problem, it is easy to assist him because of this.*

**Team member 2 Kacper:**

*Kacper works well on his programming assignments and problems. He is nicely on schedule.*

**Team member 3 Julian:**

*Julian is friendly and helpful; he is usually on schedule with the CodeGrade exercises and problems.*

**Team member 4 Telmo:**

*Telmo is a hard worker, he is usually working by himself and even when he asks questions, he always wants to fully understand the concept before continuing.*

What they could improve on:

**Team member 1 Matt:**

*Something Matt could improve upon is keeping a more consistent way of completing the programing assignments and problems, right now he is working on week 3, 5, 6 and 7 at the same time and mixed.*

**Team member 2 Kacper:**

*Nothing to add to be honest.*

**Team member 3 Julian:**

*Sometimes when I am helping Julian with a programming-related problem, it is a bit difficult to understand what is happening in his code. Try to use more descriptive variable names, that would be a good start. Most of the rest will come with experience so keep practicing.*

**Team member 4 Telmo:**

*No comment.*

**Week 12**

***3. Describe for each team member at least one thing he/she does well and at least one point for development.***

This is what you do well:

**Matt:** *You are a social and friendly person; you are on schedule with your programming assignments and whenever you have questions you ask us.*

**Kacper:** *You work well, you have done all the challenges and are on schedule with your programming assignments.*

**Julian:** *You are a very friendly and sociable person; we will miss you when you go to study in Utrecht. You are also well on schedule for professional skills.*

**Telmo:** *Same as last peer-review, you work well and ask questions when you are stuck on assignments. In class presentations, you are always active and answer the teachers' questions.*

This is what I see as a point for development:

**Matt:** *You are not completely on schedule with your dossier, if you don’t complete this before June 7th, you will fail :(*

**Kacper:** *I cannot think of any improvements. You will make it :D*

**Julian:** *You don’t always seem as motivated to work on your assignments, this is because you already know that you will switch to a different study, so it is understandable.*

**Telmo:** *When you are programming, be less quick to search something on the internet / a LLM. Sometimes you know the answer yourself, but you were too quick to search it up.*

**3.3. Other necessary attachments, which contribute to evidence of learning outcomes.**