**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.

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**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**

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

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

**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 |  |
| A4W13P1 - Student database |  |
| A4W13P2 - Bookstore |  |
| A4W14A1 - Name hasher 2.0 |  |
| A4W14P1 - Sorting strings |  |
| A4W14P2 - Code performance |  |
| 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**

|  |  |
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|  | **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**

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| **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**

***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.*

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