# Exercise Report (Example)

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Round 1

Pair 1 (Jeremias)

Problem “Hello World!”:

Design (Jeremias): Print(Hello World!).

Implementation (Jeremias): Print(Hello World!)

Round 2

Problem “Tölvunarfræðingar telja”:

Design (Jeremias): one line with an input n that counts like computers so if I put 1 it would start at 0

Implementation (Jeremias): print (n-1) so the outcome would be 0 for the case of 1.

Round 3

Problem “Amerískur vinnustaður”:

Design (Jeremias): one line with an input that takes the amounts of fields, another line that converts the fields by multiplying them with 0.09144.

Implementation (Jeremias): print (fields) so the outcome would be the amount of fields in km

Round 4

Problem “The cube”:

Design (Jeremias): a problem that asks you to convert the integer into a integer”3

Implementation (Jeremias): multiply the integer by himself 3 times a\*a\*a

Round 5

Problem “Computer, compute!”:

Design (Jeremias): Euclidean distance formula

Implementation (Jeremias): checked works from the past that used math.modules with sqrt

Round 6

Problem “Computer, compute!”:

Design (Jeremias): Euclidean distance formula

Implementation (Jeremias): checked works from the past that used math.modules with sqrt

Round 7

Problem “Another Dimension”:

Design (Jeremias): A hemisphere (half of a sphere)

Implementation (Jeremias): went to google to remember the diameter is d/2 for the radious and then got the volume and divided again /2

Round 8

Problem “Lasagne in the Oven”:

Design (Jeremias): Degrees from Fahrenheit to Celcius

Implementation (Jeremias): went to google for the convert formula to Celsius and that BOOOOM Celsius

Round 9

Problem “Painting the roof”:

Design (Jeremias): Whole lot of yap about painting a roof, 50cmX50cm platform then you get the angle and then you get the height

Implementation (Jeremias): Had to ask the teacher 3 times, first to know if I understood the problem, then I asked chatgpt and he told me to implement sin() to get the right answer(it was not) in the meantime I realized that the input was in normal numbers and not degrees so I ask google how to convert it to degrees got it and called the teach one more time and she told me to use tan and BOOOOMMM problem solved