

## Week 1:

1. Create an empty project.
2. Make "Hello world!" project.
3. Make an integer variable and print its value on the screen (printf function).
4. Make 3 integer variables, add the values of the first two and store the result in the third one. Print the result.
5. Read the value of the integer variable (scanf function) and print its value on the screen.
6. Read the values for two integer variables and print the results of adding, subtracting and multiplying them.
7. Ask the user for the current year and the year when he was born, and print how old is the person becoming this year.
8. Ask the user how old are mother, father and child, and print the total years lived by the three of them.
9. Read two numbers as integer variables, print their values before the swap like "Before: x = ... y=..." then swap their values so that y becomes x and x becomes y, and then print "After: x = ... y=..."
10. Read two complex numbers, presented by their real and imaginary parts (read a, b, c, d for  $ai+bi$  and  $ci+di$ ). Calculate and print the result of adding, subtracting and multiplying these numbers.
11. Read the price of making a photograph in a photo-store, then the number of photographs to be made and print the total price for these photos.
12. Calculate how much food do you need to feed a cat in a week, if we know that the cat eats 2x a day portions of 80 g. Also calculate the price of the cat food for a month (30 days) if 10 g of cat food is 3 din.