

# Laboratory work 1

all programs are written in  python3

## problem 1

write a program which perform the following actions:

1. prints "Hello World!".
  2. ask the user his name.
  3. greets the user by his name.
  4. asks the user for his age.
  5. tells the user how old he will be the next year.
- 

## problem 2

write a program that asks the user:

- user's year of birth.
- the current year.
- a year `x`.

the program must calculate:

1. the user's age.
  2. what was or will be the user's age in the year `x`
- 

## problem 3

write a program that perform the next actions:

1. initialize a variable `x` with the value of `2`.

2. add `3` to `x` and the result assign it to `x`.
3. calculate `(x+1)/2` and assign the result to `x`.
4. calculate `x+1/2` and assign the result to `x`.
5. change the data type of `x` to `str` and assign the result to `x`.

after every operation show the value of `x` and its type