Home Work 1

Q1)

a) The statistical units are the students themselves.

b)   Age, Name, Major.

Q2)   N – Numerical   C – Categorical
          N_c – Continuous C_N – Nominal
          N_d – Numerical discrete C_o – ordinal

a) N_c – Heights can take any value and is measured on a ratio scale

b) C_N – No inherent order w/ eye colour.

c) N_d – Count the # of students

d) C_N – favourite food is a category w/o order

e) N_c – Brightness is measured on a continuous scale) Truncated.

f) C_o – Ordered value in rankings

g) N_c – Survival time is continuous and can take any value on a
          ratio scale) Censored

Q3)

Employee ID	Name	Department	Salary (CHF)
1	David	Informatics	70'000
2	John	Management	65'000
3	Jane	Finance	80'000

Q4)

ID	Major	Gender	Status
1	BDS	M	A
2	BCS	F	A
3	BDS	M	D
⋮			
146	BCS	F	A

Q5) Ideas → How many figures (men/women) in a picture w/
        each picture

        being a statistical unit , More features can be length
        background colour / colour pallet - alongwith size for each painting

        Some Interesting ideas from the class:

        ↳ Pictures vs. Portrait.

        ↳ Central Observation

        ↳ Activities