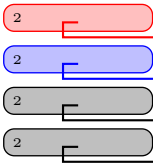


[2][1=] [2][1=] [2][1=] [2][1=] [2][1=]



# Assingment 1

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# Contents

<b>1</b>	<b>Task 2</b>	<b>3</b>
1.1	Graphics . . . . .	3
1.1.1	Image caption . . . . .	3
1.2	Lists . . . . .	3
1.3	Table with multiple columns . . . . .	4
1.4	Code listing . . . . .	4
1.5	Todo . . . . .	5
<b>2</b>	<b>References</b>	<b>5</b>

## 1 Task 2

Produce a template (in LATEX, of course) that you can use in your bachelor thesis

### 1.1 Graphics

#### 1.1.1 Image caption

Figure 1: My favorite duck image!



Figure 2: My favorite duck image!



Picture of duck can be found here: 1.1.1

### 1.2 Lists

- Duck

- Chicken

- Jacob

1. A

2. B

3. C

✓ A

✓ B

✓ C

### 1.3 Table with multiple columns

cell1		cell3
cell4	cell5	cell6
cell7	cell8	cell9

### 1.4 Code listing

```
import numpy as np
```

```
def incmatrix(genl1, genl2):
    m = len(genl1)
    n = len(genl2)
    M = None #to become the incidence matrix
    VT = np.zeros((n*m,1), int) #dummy variable

    #compute the bitwise xor matrix
    M1 = bitxormatrix(genl1)
    M2 = np.triu(bitxormatrix(genl2),1)

    for i in range(m-1):
        for j in range(i+1, m):
            [r,c] = np.where(M2 == M1[i,j])
            for k in range(len(r)):
                VT[(i)*n + r[k]] = 1;
                VT[(i)*n + c[k]] = 1;
                VT[(j)*n + r[k]] = 1;
                VT[(j)*n + c[k]] = 1;

            if M is None:
                M = np.copy(VT)
            else:
                M = np.concatenate((M, VT), 1)

    VT = np.zeros((n*m,1), int)

    return M
```

## 1.5 Todo

lorem ipsum dolar summit1g.

Change this pliz

## 2 References

- [1] Department of Economics at the University of Mannheim. Guidelines for bachelor theses. [https://www.vwl.uni-mannheim.de/media/Fakultaeten/vwl/Dokumente/20141105\\_Guidelines.pdf](https://www.vwl.uni-mannheim.de/media/Fakultaeten/vwl/Dokumente/20141105_Guidelines.pdf), November 2014.
- [2] Aarhus Universitet. Guidelines for writing your thesis report. <https://studerende.au.dk/studier/fagportaler/agrobiologi/bachelorprojekt-speciale-og-andre-projekter/speciale/saerligt-for-agrobiologi/skrivevejledning-til-speciale/>, September 2020.
- [3] Mykolas Romeris University. Formal requirements for preparation of bachelor's thesis. [https://www.mruni.eu/mru\\_lt\\_dokumentai/institutai/vadybos\\_institutas/2018/Bachelor%20Thesis\\_REQUIREMENTS\\_2018.10.09.pdf](https://www.mruni.eu/mru_lt_dokumentai/institutai/vadybos_institutas/2018/Bachelor%20Thesis_REQUIREMENTS_2018.10.09.pdf), October 2018.