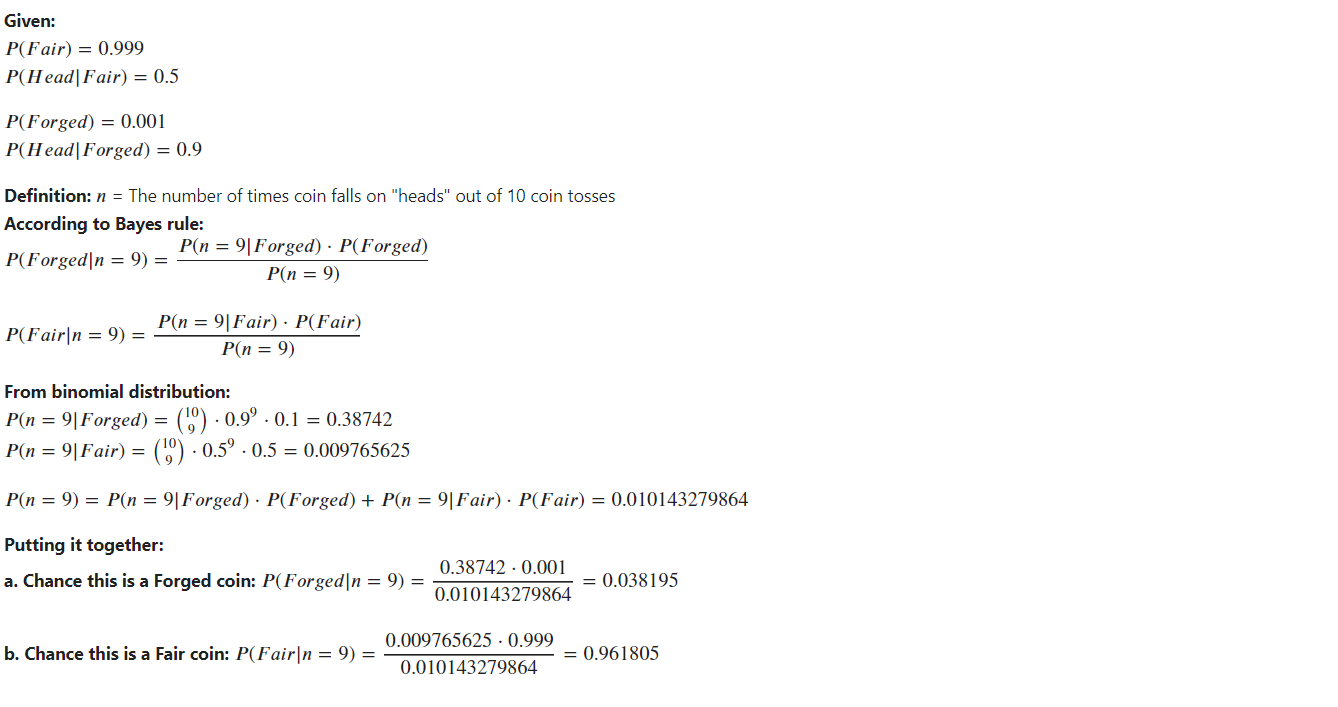
**Advanced Machine Learning course, IDC**

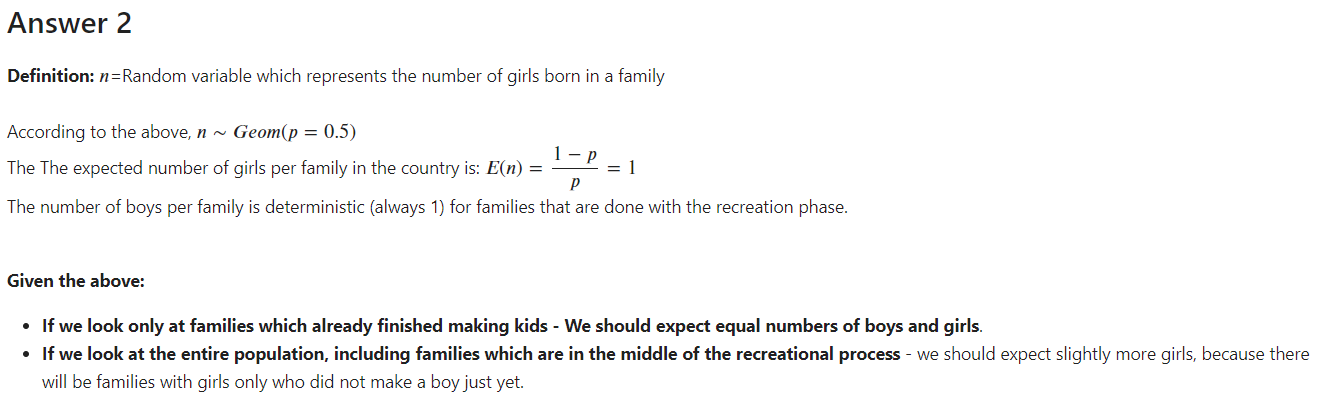
**Assignment 1**

Yaniv Tal - 031431166

**Question 1**

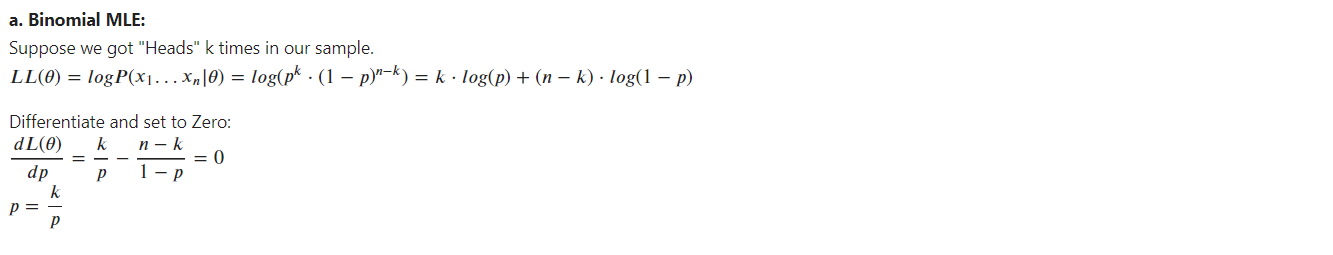


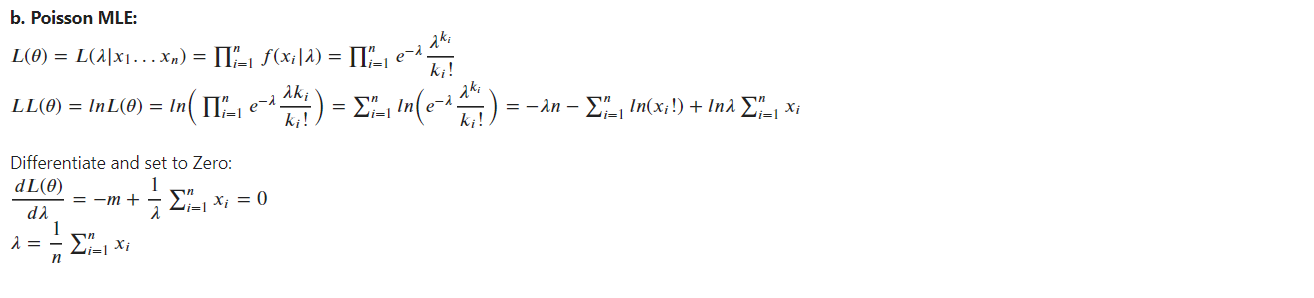
**Question 2**



**Question 3**



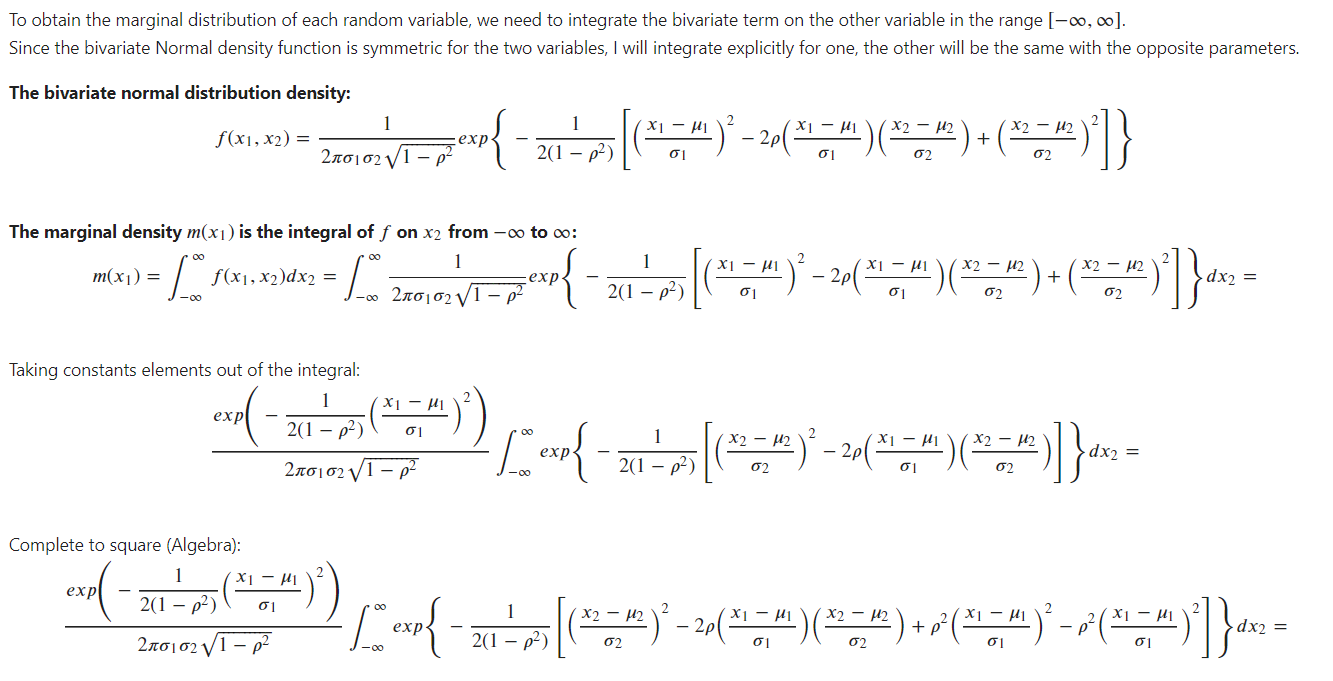


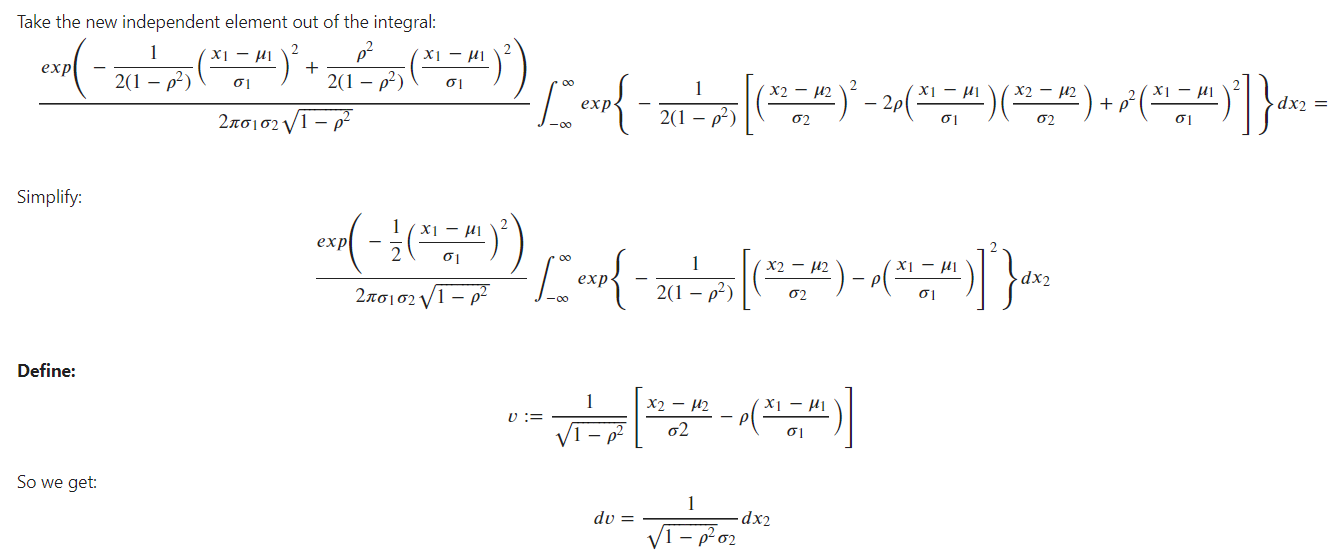


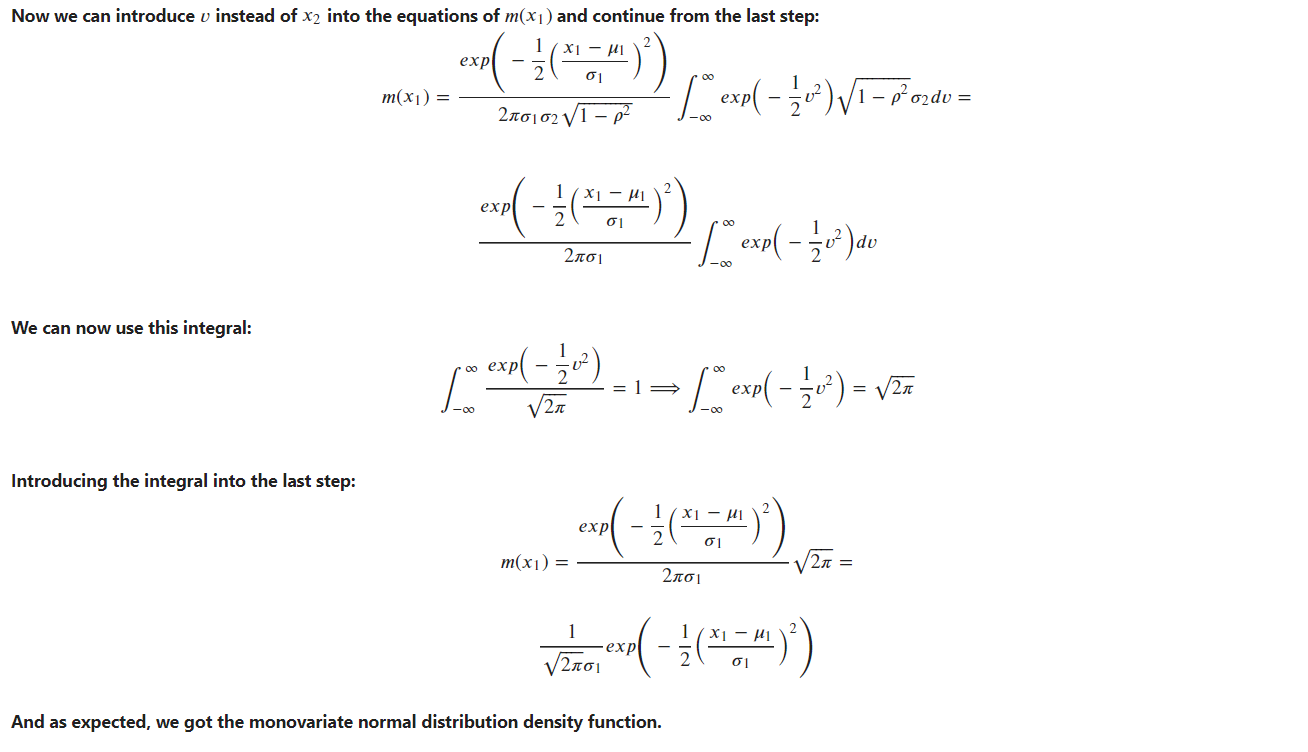


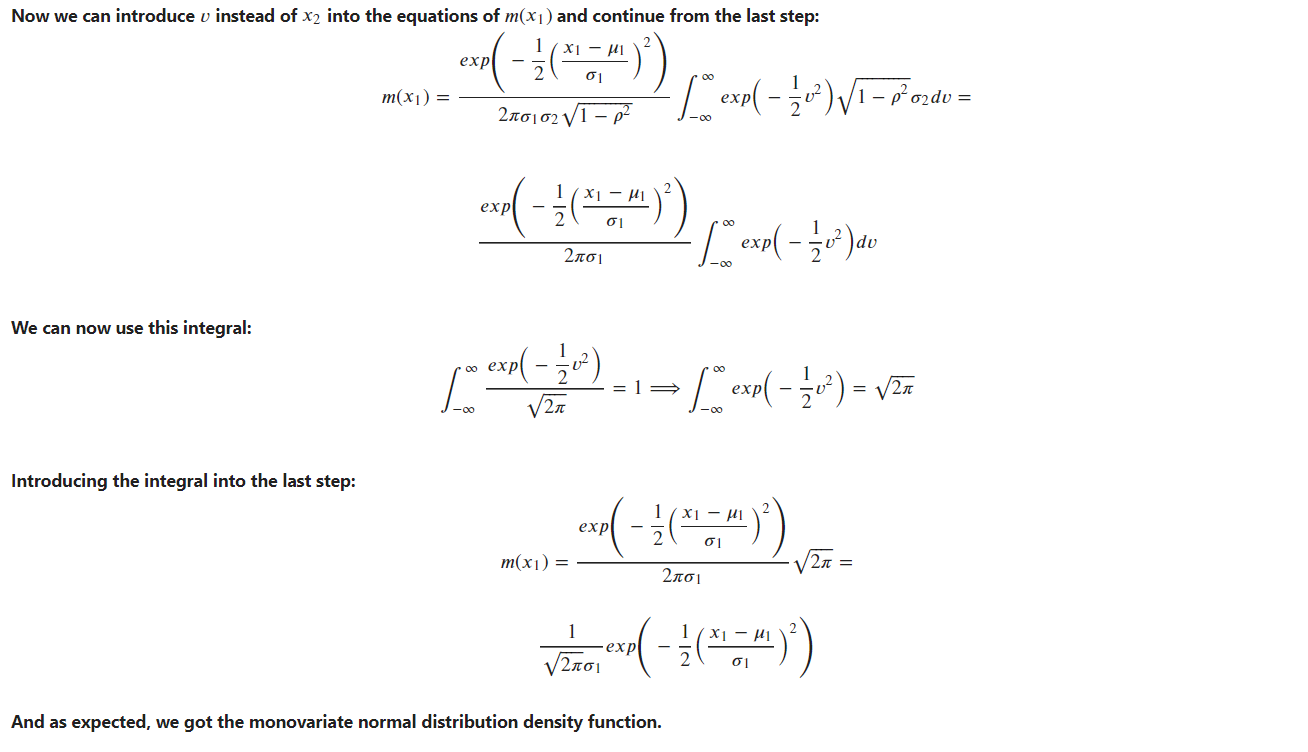
**Question 4**

Section a.

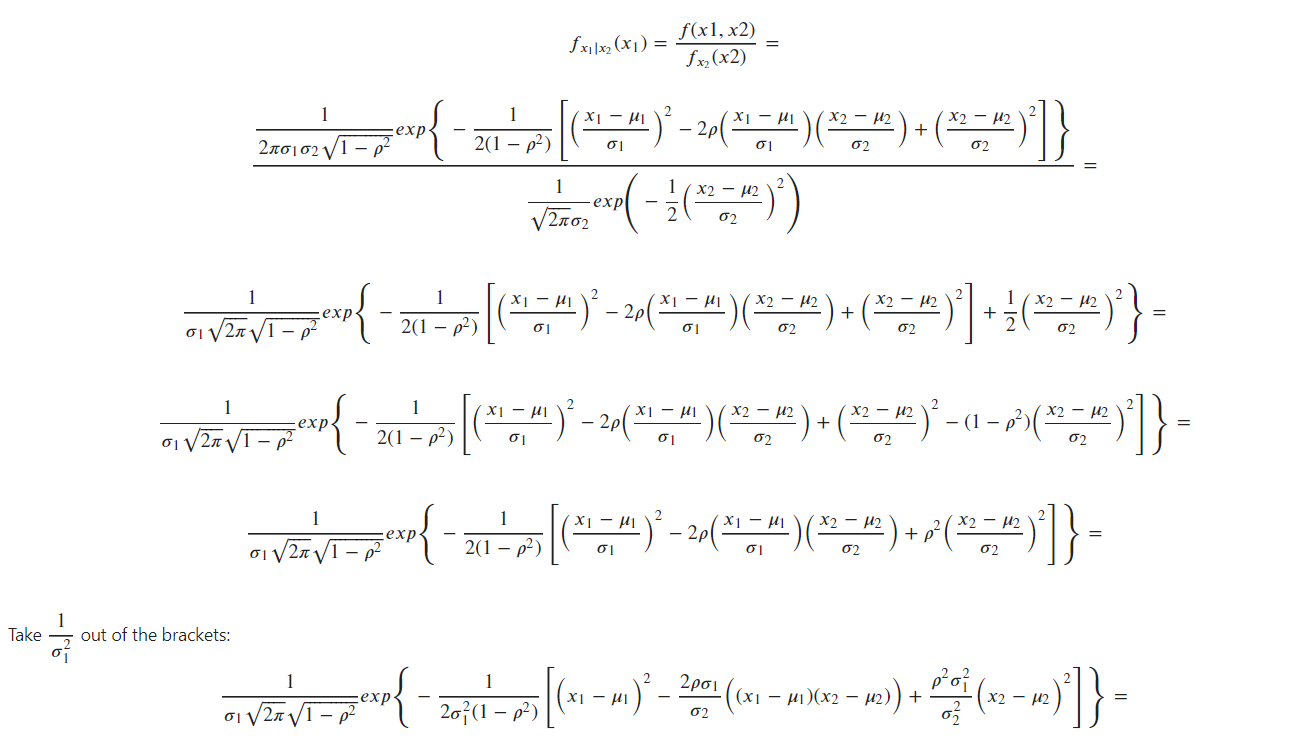


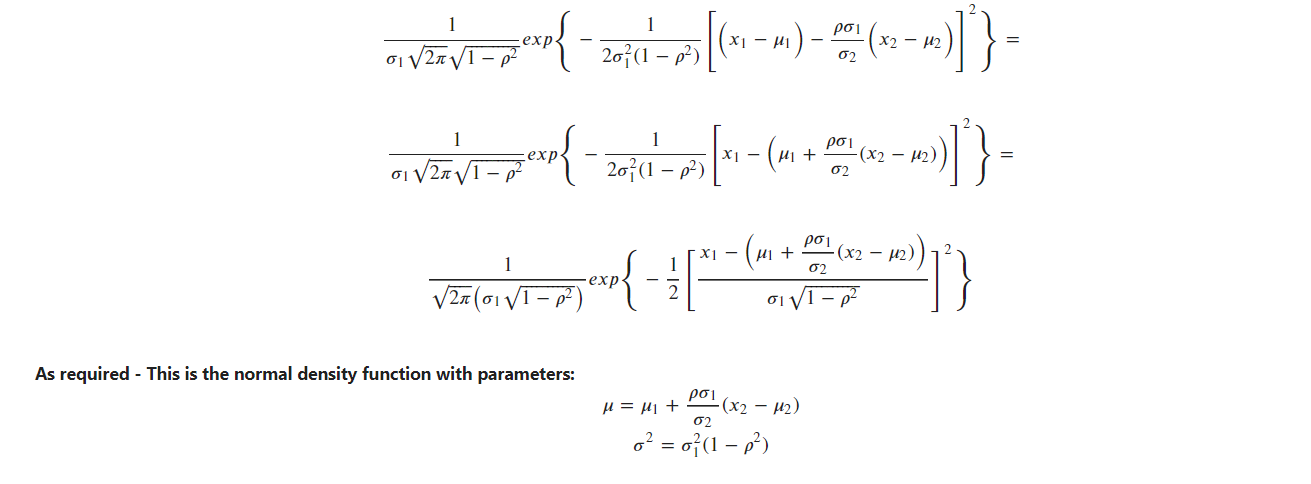






Section b.





**Question 5.**

