Homework 2 (Due October 17, 2016, 13:00)

BLM 1541: Statistics and Probability — Fall 2016

Print family (or last) name: ———————————————————————

Print given (or first) name: ———————————————————————

Print given student number: ———————————————————————

I see that this homework has 10 questions in total.

I agree that I have to submit my homework solution before the deadline (October 17, 2016, 9 AM) otherwise my homework solution will not be graded.

I accept that ***I will add the signed version of this instruction page as a first page into my homework solution***; otherwise my homework solution will not be graded.

I know that ***I have to give my solutions written on white A4-sized pages that are stapled on the left-up corner***; otherwise my homework solution will not be graded.

I will take care of the readability of my solutions, from which I may lose 10 points.

For any proofs, I am sure to provide a step-by-step argument, with justifications for every step.

I understand that, during solving this homework, it is prohibited to exchange information about solutions with any other person in any way, including by talking or ex-changing solutions / papers.

I know that the course book is "Probability and Statistics for Computer Scientists, by Michael Baron (2nd Edition) ".

I have read, understand and accept all of the instructions above. On my honor, I pledge that I have not violated the provisions of the Academic Integrity Code of Yıldız Technical University.

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Signature and Date

1) **[10 points]** Problem 3.1 within the course book.

2) **[10 points]** Problem 3.4 within the course book.

3) **[10 points]** Problem 3.13 within the course book.

4) **[10 points]** Problem 3.15 within the course book.

5) **[10 points]** Problem 3.20 within the course book.

6) **[10 points]** Problem 3.28 within the course book.

7) **[10 points]** Problem 3.32 within the course book.

8) **[10 points]** Problem 3.33 within the course book.

9) **[10 points]** Problem 3.38 within the course book.

10) **[10 points]** Problem 3.39 within the course book.