# Analysis of Algorithms - Home Work 3

CSE 548 Fall '19

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# 1    Question 1

Textbook [Kleinberg & Tardos] Chapter 4, page 190, problem #6.
**Solution:**

## 2    Question 2

Textbook [Kleinberg & Tardos] Chapter 4, page 190, problem #12.
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# 3 Question 3

Textbook [Kleinberg & Tardos] Chapter 4, page 190, problem #14.
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# 4    Question 4

Textbook [Kleinberg & Tardos] Chapter 4, page 190, problem #16.
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Textbook [Kleinberg & Tardos] Chapter 5, page 246, problem #1.
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# 6 Question 6

Textbook [Kleinberg & Tardos] Chapter 5, page 246, problem #7.
**Solution:**

# References

[1] ,