COMP 445 - Theoretical Assignment 2 (TA2)

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Instructions

- Please submit your assignment as a pdf file on Moodle. The name of the pdf file must contain your name and student id.

- All questions will receive equal points.

- Each question may have zero, one, or more than one correct choices. Wrong answers will be penalized with negative points.

- Partial answers will not receive any point.

- Blank answers (no answer) will not be penalized.

Student ID: 40031689

First Name / Last Name: Jonathan Del Corpo

Signature: Jonathan Del Corpo

**Transport Layer**

Q1) None

Q2) None (a and b if its only UDP)

Q3) b) **(1- α)\*EstimatedRTT + α\*SampleRTT => (1- 0.125)\*31 + 0.125\*((29+31+32) / 3) = 30.95**

Q4)

Q5)

Q6) a) (because it uses https and not http)

Q7) a) b) c) d)

Q8)

Q9) a)

1010101010101010

1010101010101010

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10101010101010100 => 0101010101010101=> WRAPWAROUND

0101010101010101 => SUM

1010101010101010 => CHECKSUM

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1111111111111111

Q10) b)