

## Assignment 6 – Task 2

**Question 1:** What are the sequence numbers of the segments sent at  $t = 1, 2, 3, 4, 5$ ?

**Answer:** The sequence numbers are:

$t = 1$ : 72

$t = 2$ : 376

$t = 3$ : 680

$t = 4$ : 984

$t = 5$ : 1288

**Question 2:** What are the acknowledgment numbers of the ACKS's sent at  $t = 8, 9, 10, 11$  and 12? If no ACK is sent at that point of time, write "x".

**Answer:** The acknowledgment numbers are:

$t = 8$ : 376

$t = 9$ : 680

$t = 10$ : 984

$t = 11$ : x

$t = 12$ : 984

**Question 3:** What are the sequence numbers of the segment sent at  $t = 15, 16, 17, 18$  and 19? If no segment is sent at that point of time, write "x".

**Answer:** The sequence numbers are:

$t = 15$ : 1592

$t = 16$ : 1896

$t = 17$ : 2200

$t = 18$ : x

$t = 19$ : 984