UNIVERSITY OF ASIA PACIFIC

18101009
HASAN TAHSIN RAFSAN
A SECTION, ROLL:9

CLASS TEST 2

CSE - 401
29 AUGUST 2021

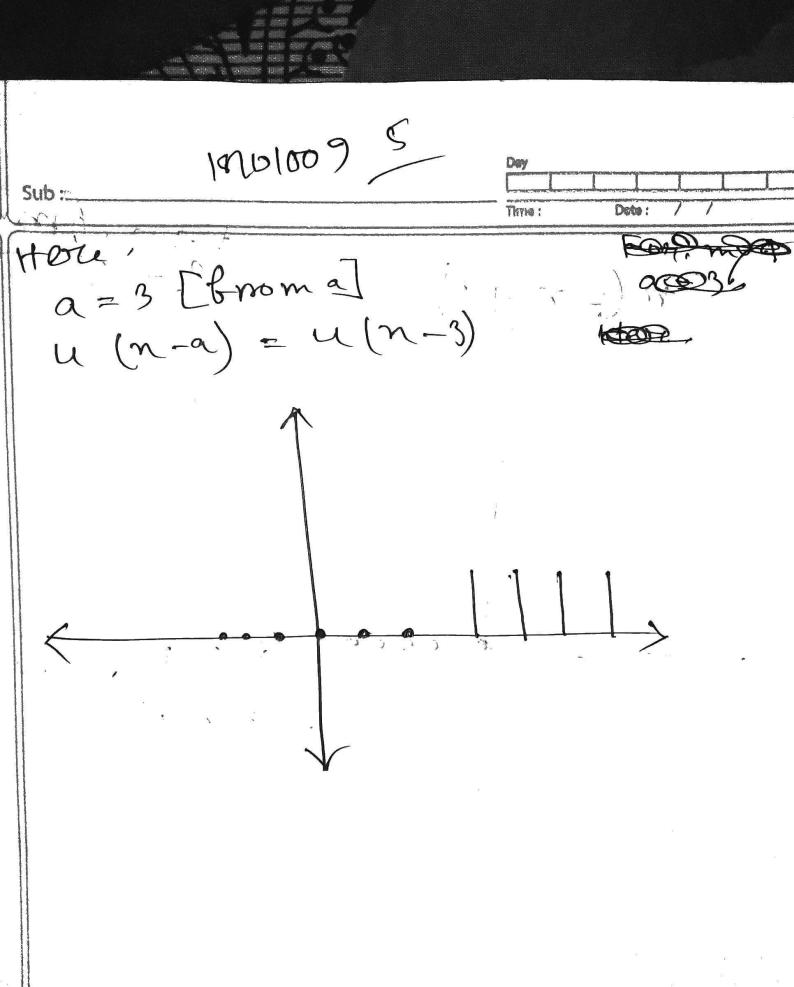
we consider X as my Se y as my so, the dataset will be

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		11.

(conolsa Now, colculating Mean. $m_1 = \frac{1}{4}(3+5+5+2) = 3.75$ mz= 4 (4+2+6+6) = 4.5 Cov (x,x1) = 1 = (x1k-X1) $=\frac{1}{4-1}\left\{ \left(3-3.75\right)^{2}+\left(5-3.75\right)^{2}+\left(2-3.75\right)^{2}+\left(2-3.75\right)^{2}\right\}$ $=\frac{1}{3}\left\{\frac{24}{4}\right\} = \frac{9}{4} = 2.25$ Cov (24x2) = N-1 \ (x1k-x1)(x2k-x2) $= \frac{1}{3} \left\{ (3-3.75) (4-4.5) + (5-3.75) (2-4.5) + (5-3.75) (6-4.5) + (5-3.75) (6-4.5) \right\}$

18/01009 Heru 1.1666 -= - 7 = -1.1667 cov (x2, 24) = N-1 > (x24-x2) (x14-x1) 2 -1. 1667 COV (721X2) = N-1 = (x 24-X2) = 13 (4-4.5) + (2-4.5) + (6-4.5) 4 (6-4.5)~~~ 13 {11} = 1 = 3 = 3 : 667

18/2009 coverine " So, Matmir, C CON. (X1, 24) CON (X1, X2) 60 × (x2,x2) -1.1667 2.25 3.667 -1.1667 Am: 2 Here. u(n-a) (o (o t c) u(n), unit step signed ucm = { 0, n > 0? n(m) unit ramp signal
note) = {n; m; o



100/pg) Time: