Assignment Cover Sheet

Assignment Title:	Assignment 2				
Assignment No:	2		Date of Submission:	1 March 2023	
Course Title:	THEORY OF COMPUTATION				
Course Code:	CSC3113		Section:	Н	
Semester:	Spring	2022-23	Course Teacher:	SHAKILA RAHMAN	

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Group Name/No.:

No	Name	ID	Program	Signature
1	MD Nahid Hasan	21-45018-2	Choose an item.	
2			Choose an item.	
3			Choose an item.	
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10			Choose an item.	

Faculty use only		
FACULTYCOMMENTS		
	Marks Obtained	
	Total Marks	

Name: MD Nahid Hasan IO: 21-45018-2 1 (XUy)* U(x*Uy*) R RE to NFA ⇒(xuy)*

21 Ewleach a in w is followed by exactly three b}
= {abbb, abbbabbb, babbb, bbbabbbabbb, ...}
- {(b*) *V a (bbb)*}

30, w can start with either zero on more b's or it can start with a and bollowed by 3 b's.

310 cddec (coud)*

= [w|w == starts with substring "cddcc" ends with either c and.]

(Cud) (cud)*

= { WIW starts with either c and and ends with either c and . }