COMPUTER ENGINEERING DEPARTMENT

SUBMISSION REPORT

SUB: System Programming & Compiler Construction

COURSE: T.E. Year: 2020-2021 Semester: VI

DEPT: Computer Engineering

SUBJECT CODE: CSC602 SUBMISSION DATE: 19/05/2021

Name: Amey Thakur Roll No.: 50

Class: TE Comps B ID: TU3F1819127

INDEX

Sr.	Particulars	Submitted/Not				
No.		Submitted or				
		Enter Marks				
		received				
Experiments						
1	EXP 1: Develop a program to implement a lexical analyzer using Finite Automata.	9/10				
	<u> </u>					
2	EXP 2: implement Lexical Analyzer for given language using Lex tool.	7/10				
3	EXP 3: To implement the program to remove left recursion from grammar and find first and follow the given grammar.	8/10				
4	EXP 4: To implement any parsing technique.	8/10				
5	EXP 5: To implement any code optimization techniques.	8/10				
6	EXP 6: To generate target code.	8/10				
7	EXP 7: To design and implement the first pass of a two-pass assembler for IBM 360/370 Processor.	8/10				
8	EXP 8: To design and implement the second pass of a two-pass assembler for IBM 360/370 Processor.	7/10				
9	EXP 9: To Design and Implement a two-pass Macro Processor.	8/10				

Assignments				
13	Assignment No. 1	10/10		
14	Assignment No. 2	10/10		
15	Assignment No. 3	10/10		
Quizzes				
16	SPCC Quiz 1	10/10		
17	SPCC Quiz 2	10/10		
18	SPCC Quiz 3	10/10		
19	SPCC Quiz 4	10/10		
20	SPCC Quiz 5	10/10		
21	SPCC Quiz 6	10/10		
IAT				
22	IAT-1	18/20		
23	IAT-2	Submitted		
Exit Survey				
24	Course Exit Survey	Submitted		
25	Laboratory Exit Survey	Submitted		

Signature:

Amey

Experiments

SPCC Experiment 1

Marks: (9/10)

Hi AMEY,

MOHINI MISALE just returned <u>EXP1</u>: <u>Develop a program to implement lexical analyzer using Finite Automata</u>.

9 10

EXP1 :Develop a program to implement lexical analyzer using Finite Automata

OPEN

SPCC Experiment 2

Marks: (7/10)

Hi AMEY,

MOHINI MISALE just returned <u>EXP2: implement Lexical Analyzer for given language using Lex tool.</u>



EXP2: implement Lexical Analyzer for given language using Lex tool.

OPEN

Marks: (8/10)

Hi AMEY,

MOHINI MISALE just returned <u>EXP 3:To implement the program to remove left recursion from grammar and find first and follow of the given grammar.</u>

8 10

EXP 3:To implement the program to remove left recursion from grammar and find first and follow of the given grammar

OPEN

SPCC Experiment 4

Marks: (8/10)

Hi AMEY,

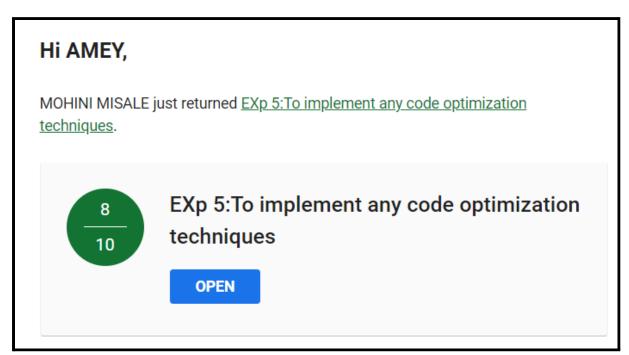
MOHINI MISALE just returned Exp4: To implement any parsing technique.



Exp4: To implement any parsing technique.

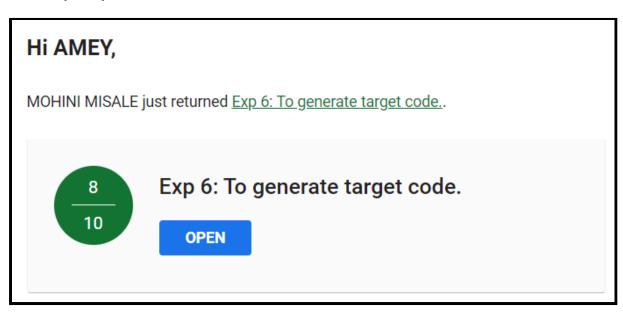
OPEN

Marks: (8/10)



SPCC Experiment 6

Marks: (8/10)



Marks: (8/10)



MOHINI MISALE just returned <u>Exp7:To design and implement first pass of a two pass</u> <u>assembler for IBM 360/370 Processor</u>.

8 10

Exp7:To design and implement first pass of a two pass assembler for IBM 360/370 Processor

OPEN

SPCC Experiment 8

Marks: (7/10)

Hi AMEY,

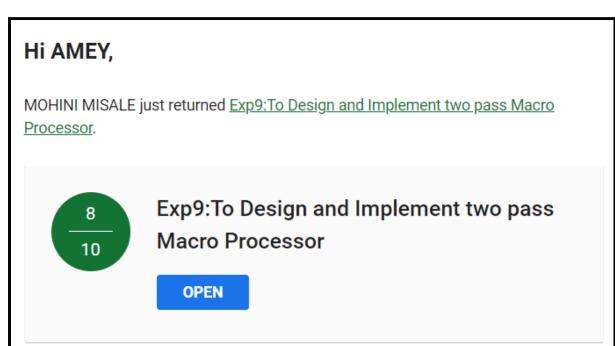
MOHINI MISALE just returned <u>Exp:8To design and implement second pass of a two pass assembler for IBM 360/370 Processor</u>.

7 10

Exp:8To design and implement second pass of a two pass assembler for IBM 360/370 Processor

OPEN

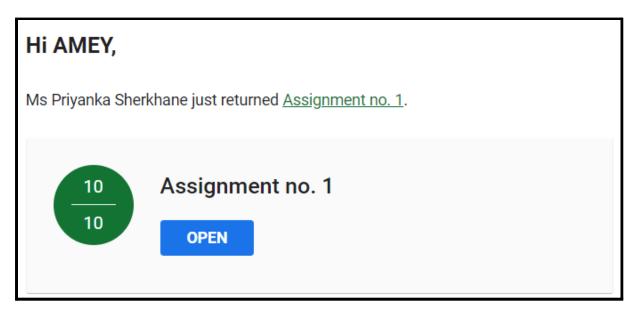
Marks: (8/10)



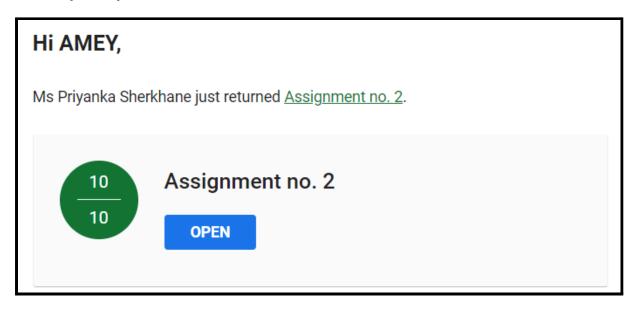
Assignments

SPCC Assignment 1

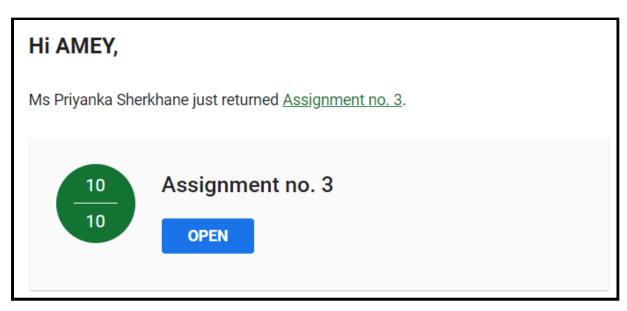
Marks: (10/10)



SPCC Assignment 2

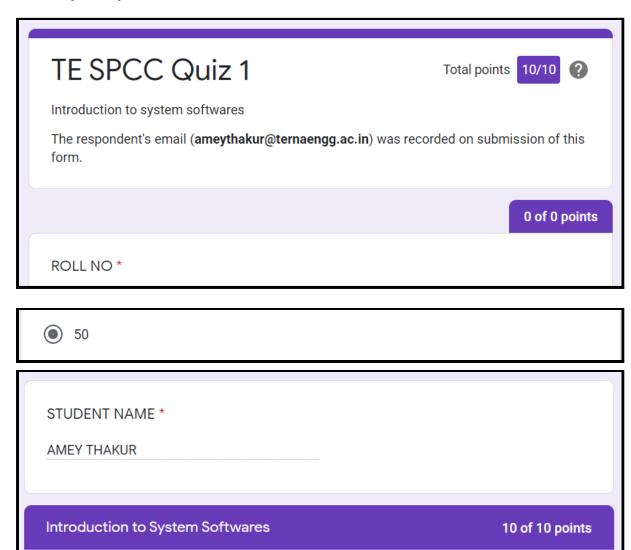


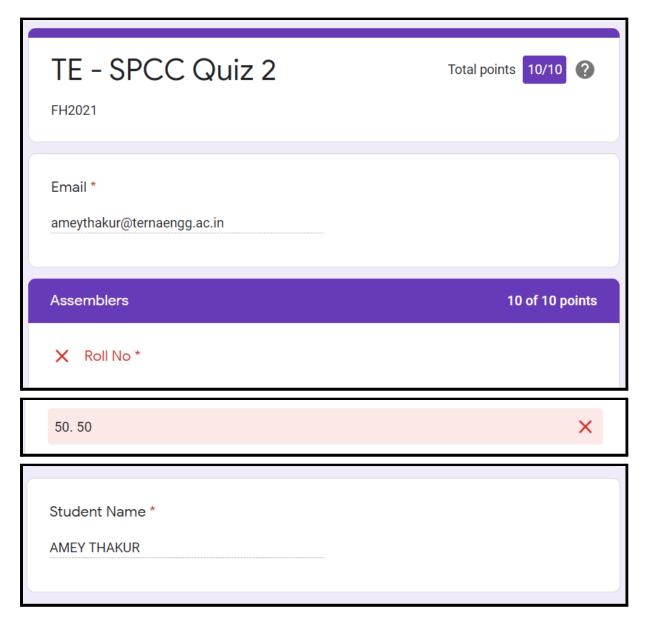
SPCC Assignment 3

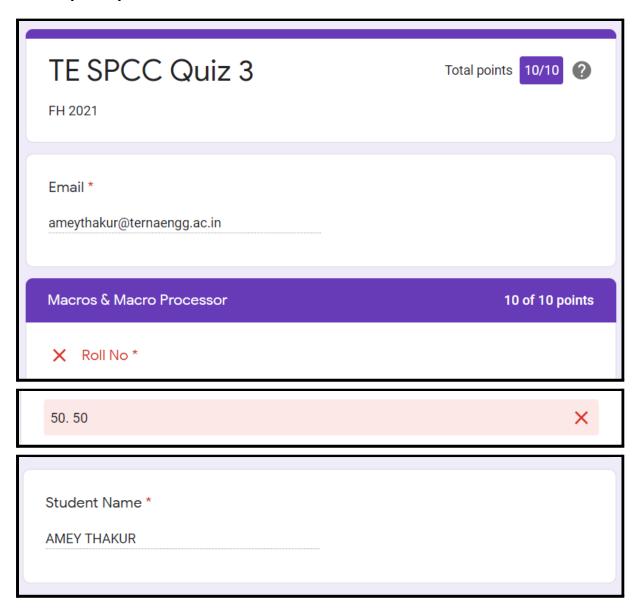


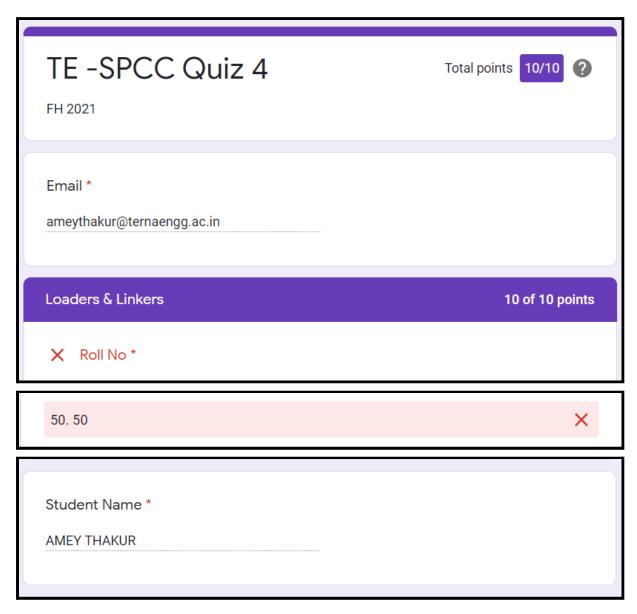
Quizzes

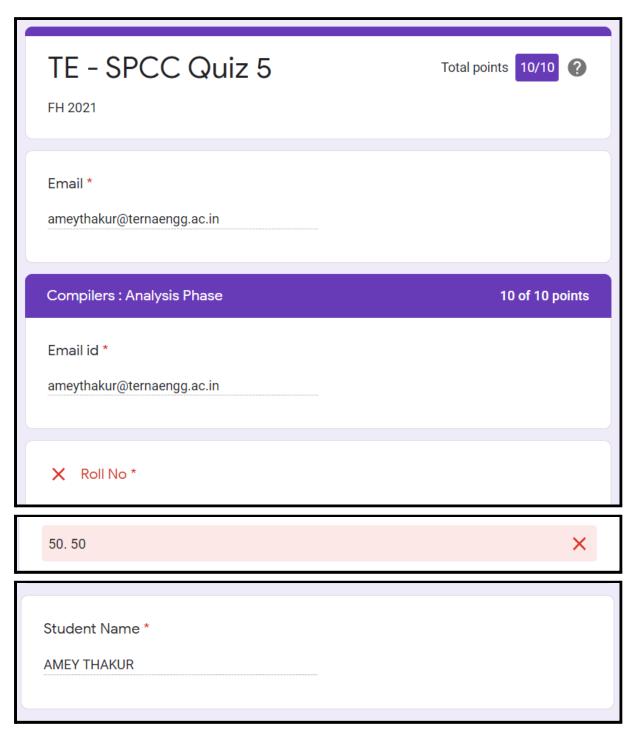
SPCC Quiz 1

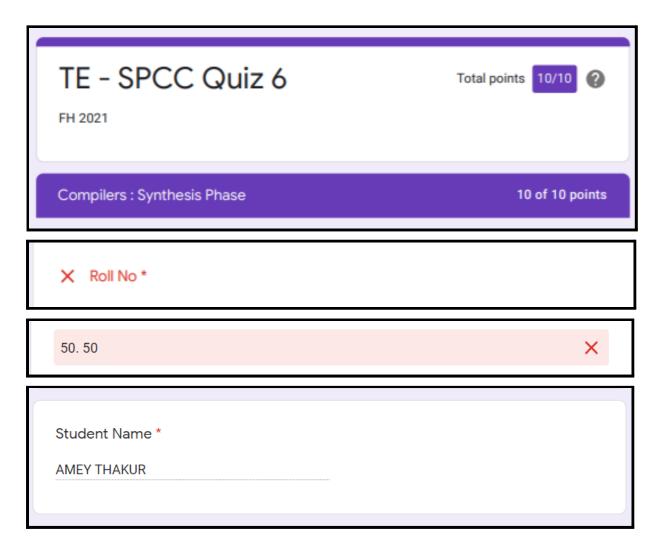












IAT

SPCC IAT 1

Marks: (18/20)

Terna Public Charitable Trust						
Terna Engineering College						
Plot No. 12, Sector-22, Opp. Nerul Railway Station,						
IAT1-ANALYSIS/SPCC/TE/B/VI/FH-21						
		DATE:15/3/21				
Roll No. GR No.		Name	TOTAL(20)			
· B50	TU3F1819127	THAKUR AMEY MAHENDRA	18			

IAT 1 Descriptive Answer Sheet

(First page attached)

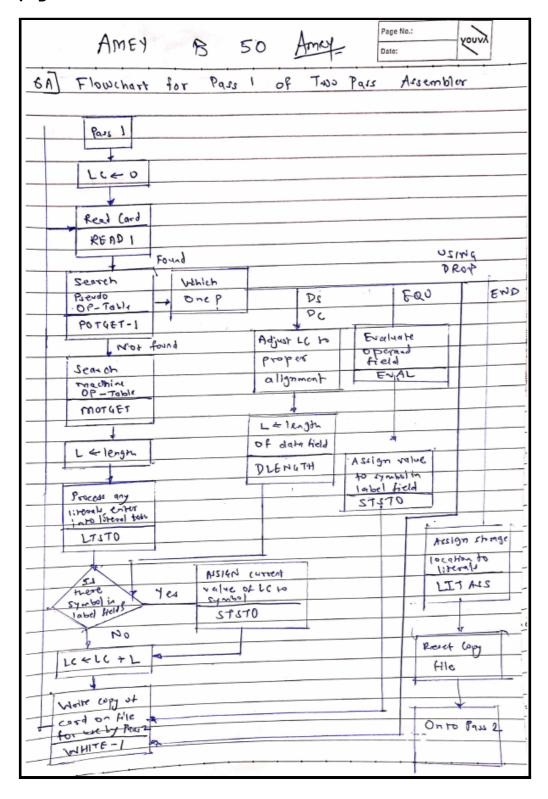
NAME: AMEY MAHENDRA THAKUR SUBJECT: SPCC	COMPS TE B ROLL NO.: 50 EXAM: IAT-1 PAGE NO.: \ /4
G (A) 3	
Gr = (& s, A, B } 10, b?	
where P consists	o f
$A / B_{\alpha} \leftarrow 2$ $A / 2 \alpha / \alpha \leftarrow A$. A4
B -> P/P3/0	
"bbaaba"	
Leftmost derivation	
Ad ← 2 AAd d ←	(AA ∠ ← 2)
→ bbaA	(A→a)
-> bbaas -> bbaabA	$(2 \circ \leftarrow A)$ $(A \leftarrow c)$
-> pp aapa	(A → a)
Rightmost derivation	
S -> PA	(A d ← 2)
→ 66AA → 66Aa	(A→ bAA) (A → a)
-> pp a-2a	(A→GS) (S→aB)
-> bbaaba	(B-7P)
TU3F1819127	SIGNATURE: AMRY.

SPCC IAT 2

Marks: Not Received

IAT 2 Descriptive Answer Sheet

(First page attached)



Exit Survey

SPCC Course Exit survey

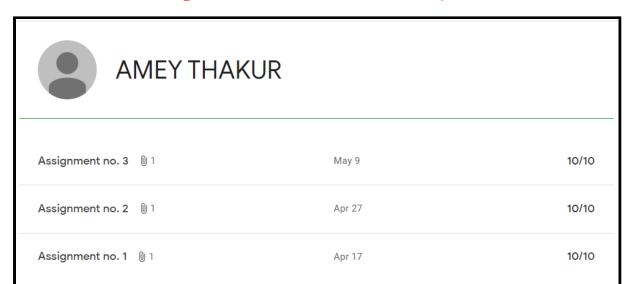
50

You've already responded You can fill out this form only once. Try contacting the owner of the form if you think this is a mistake. See previous responses TE-B_FH-21_SPCC_Course_Exit_Survey 79 responses Name 79 responses **AMEY THAKUR** College ID 79 responses TU3F1819127 Roll No 79 responses

SPCC Laboratory Exit Survey

Thanks for filling in SPCC_Course Exit Survey_ FH 2021 Here's what we've received from you:
SPCC_Course Exit Survey_ FH 2021 This is SPCC course exit survey. Give response as per your understanding.
Email * ameythakur@ternaengg.ac.in
Name * AMEY THAKUR
Division * B
College ID * TU3F1819127
Roll No * 50 SPCC Theory Course Exit Survey
SPCC Laboratory Course Exit Survey

Google Classroom Submission Report



AMEY THAKUR			
Submission report 0 1		May 21	Turned in
Exp9:To Design and Implement two pass Macro	0 1	May 9	8/10
Exp7:To design and implement first pass of a t	0 1	May 10, 11:59 PM	8/10
Exp:8To design and implement second pass of	0 1	May 10, 11:59 PM	7/10
Exp 6: To generate target code. 0 1		Apr 19, 11:59 PM	8/10
EXp 5:To implement any code optimization tec	0 1	Apr 6, 11:59 PM	8/10
Exp4: To implement any parsing technique. 0 1		Mar 29, 11:59 PM	8/10
EXP 3:To implement the program to remove lef	0 1	Mar 15, 11:59 PM	8/10
EXP2: implement Lexical Analyzer for given lan	0 1	Mar 5, 11:59 PM	7/10
EXP1:Develop a program to implement lexical	0 1	Feb 19, 11:59 PM	9/10