CSCI361 - Cryptography Jul 2019

			Assign. 1		Assign. 2		Assign. 3		Assign. 4	TOTAL
NO.	NAME	ID	P1-Q1 (2%)	P2-Cryptanalysis (8%)	P1-Screencast (3%)	P2-SEED (7%)	P1-Q2 (2%)	P2-DS (8%)	10%	40%
1	Alicia Anne	5930893	2.00	8.00	2.80	7.00	1.40	8.00	10.00	**39.20**
2	Arvind Bhaskaran	5272762	1.20	0.00	0.00	0.00	0.00	5.80	0.00	**7.00**
3	Chan Wei Qian	6325518	2.00	7.80	2.40	5.00	1.40	7.60	8.90	**35.10**
4	Chin Che Yeap	6306354	1.80	7.30	3.00	6.80	2.00	7.80	9.20	**37.90**
5	Eric Woon	5962389	1.80	8.00	2.60	0.90	1.80	7.20	2.70	**25.00**
6	Ian Shum	5969190	1.80	8.00	2.80	6.80	1.80	8.00	10.00	**39.20**
7	Jeremy Foo	5968045	1.20	7.30	2.60	0.90	1.00	6.80	2.80	**22.60**
8	Khew Jing Sheng	6302154	2.00	7.60	3.00	7.00	2.00	8.00	10.00	**39.60**
9	Koh Boon Chun	6227582	1.60	7.80	2.80	6.80	1.40	7.00	8.90	**36.30**
10	Kok Mun Haw	6269990	1.40	8.00	2.80	7.00	0.60	8.00	7.00	**34.80**
11	Ling Ee Keat	5958179	1.40	8.00	2.90	5.00	1.20	7.60	9.30	**35.40**
12	Loh Wei Foong	5827140	0.00	4.30	2.80	0.00	1.40	0.00	0.00	**8.50**
13	Loke Mun Dick	5958982	1.60	6.50	2.00	5.20	1.20	6.60	3.40	**26.50**
14	Midhunan	5783483	1.40	7.50	2.60	6.80	1.60	8.00	9.80	**37.70**
15	Ng Guo Yuan	5958118	1.80	7.90	3.00	6.80	1.40	8.00	9.80	**38.70**
16	Ng Hong Sheng	5965159	1.80	7.90	2.40	4.60	1.40	6.60	5.70	**30.40**
17	Ng Ze Sam	5958131	1.80	7.90	2.60	7.00	1.80	7.80	9.90	**38.80**
18	Poon Desmond	6298047	2.00	8.00	3.00	7.00	1.60	8.00	10.00	**39.60**
19	Pua De Sheng	6302476	2.00	7.60	3.00	6.00	1.40	6.80	6.40	**33.20**
20	Tan Min Lee	5968112	1.80	6.80	2.80	6.80	1.80	6.60	9.40	**36.00**
21	Tan Ming Fong	6336371	1.60	7.60	3.00	7.00	2.00	8.00	9.60	**38.80**
22	Tan Zhi Xin	5962377	2.00	7.90	2.80	6.50	1.80	8.00	10.00	**39.00**
23	Tay Jie Ying	5907226	1.60	8.00	2.80	7.00	1.80	6.80	10.00	**38.00**
24	Teh Win Sam	6306196	2.00	8.00	3.00	7.00	2.00	8.00	10.00	**40.00**
25	Then Wen Jie	5958994	1.40	7.90	2.00	6.00	1.80	7.20	5.90	**32.20**
26	Tioh Su Han	6302361	2.00	7.90	2.90	6.20	1.40	8.00	10.00	**38.40**
27	Toon Ka Cheng	5958167	1.60	7.70	2.40	0.90	1.40	6.00	5.30	**25.30**
28	Viknesh	5958192	2.00	8.00	2.90	7.00	2.00	7.80	10.00	**39.70**
29	Wong Chun Seng	5958106	1.80	7.90	2.60	6.80	1.40	6.60	9.70	**36.80**
30	Wong Jien Jieh	6306378	2.00	8.00	2.80	7.00	1.80	8.00	10.00	**39.60**
31	Wong Zhen Yet	5969268	2.00	8.00	3.00	6.60	1.60	8.00	10.00	**39.20**
32	Yap Chen Ling	5965226	2.00	8.00	2.80	7.00	1.40	8.00	9.90	**39.10**
33	Yeng Yong Kai	6291971	1.80	8.00	2.90	7.00	1.60	8.00	10.00	**39.30**

Screencast/Video - Mode of Block Ciphers:			
Viknesh & Lim Ee Keat	CTR Mode	https://youtu.be/snyxPB17p9g	
Chan Wei Qian	OFB	https://youtu.be/-6JBXpXL998	
Jeremy Foo and Eric Woon	CFB/CFM	https://www.youtube.com/watch?v=VSbp4VBzgPE&feature=youtu.be	
Khew Jing Sheng & Teh Win Sam	CTR Mode	https://www.youtube.com/watch?v=Ritu4OYA9f0	
Kok Boon Chun & Loh Wei Foong	CFB/CFM	https://www.youtube.com/watch?v=ty6pu2OSWIM&feature=youtu.be	
Kok Mun Haw & Jien Jieh	CFB/CFM	https://www.youtube.com/watch?v=16jgPU4DUKw&feature=youtu.be	
Alicia & Tan Min Lee	CBC	https://www.youtube.com/watch?v=m5ZTT8py7Bk&t=0s	
Ng Guo Yuan & Wong Zhen Yet	CTR Mode	https://www.youtube.com/watch?v=T3KFrtcupfc&feature=youtu.be	
Ng Ze Sam & Wong Chun Seng	OFB	https://www.youtube.com/watch?v=ey16DJC5doY&feature=youtu.be	
Chin Che Yeap & Pua De Sheng	CBC	https://www.youtube.com/watch?v=7eOupTJA<	<< need to remove from YouTube
Midhunan	OFB	https://youtu.be/vdUO9x_1pao	
Ian Shum & Tan Zhi Xin	OFB	https://www.youtube.com/watch?v=25fJaNd1-X4	
Tan Ming Fong & Poon Desmond	CFB	https://www.youtube.com/watch?v=bznfeTziK2E&feature=youtu.be	
Tay Jie Ying & Yap Chen Ling	OFB	https://youtu.be/LFp7AX3x6Gw	
Then Wen Jie & Loke Mun Dick	OFB	https://www.youtube.com/watch?v=W9C7LycL3tM&feature=youtu.b	<< Need to remove from YT
Toon Ka Cheng & Ng Hong Sheng	CTR	https://www.youtube.com/watch?v=OlRx020BzbE&feature=youtu.be	
Tioh Shu Han & Yeng Yong Kai	CBC	https://youtu.be/k_zgFo-5T8I	

Screencast/Video - Mode of Block Ciphers:		**Comments:**	
Viknesh & Lim Ee Keat	CTR Mode	Good overall explanantion. But the voice is of an OLD man, makes viewer left your video very fast!	
Chan Wei Qian	OFB	Okay overall, but no discussion of K-bit Output OFB. Only full block OFB	
Jeremy Foo and Eric Woon	CFB/CFM	Good overall, but as required in the specification, the Encryption technique should be specific such as DES or AES and all Key and Block size should show exact values	
Khew Jing Sheng & Teh Win Sam	CTR Mode	Good Overall	
Kok Boon Chun & Loh Wei Foong	CFB/CFM	Good overall using Own Voice, but as required in the specification, the Encryption technique should be specific such as DES or AES and all Key and Block size should show exact values	
Kok Mun Haw & Jien Jieh	CFB/CFM	Good overall, but as required in the specification, the Encryption technique should be specific such as DES or AES and all Key and Block size should show exact values	BEST: Voice Assist
Alicia & Tan Min Lee	CBC	Good overall, but as required in the specification, the Encryption technique should be specific such as DES or AES and all Key and Block size should show exact values	
Ng Guo Yuan & Wong Zhen Yet	CTR Mode	Good Overall	
Ng Ze Sam & Wong Chun Seng	OFB	Own Voice - good. Explanation okay, but the left-shift and arrangement of Input Block (bits size etc.) does not shown in the diagram.	
Chin Che Yeap & Pua De Sheng	CBC	Good overall	
Midhunan	OFB	Own Voice - good. But as required in the specification, the Encryption technique should be specific such as DES or AES and all Key and Block size should show exact values	
		<< Need to Remove from YT, I've heard "based on Fiestel Round?"	
Ian Shum & Tan Zhi Xin	OFB	Own Voice, good overall explanation but diagram does not show exact size selected (key, input block, IV)	
Tan Ming Fong & Poon Desmond	CFB	Good overall	
Tay Jie Ying & Yap Chen Ling	OFB	Good overall. Missing specific block cipher (Encryption - DES or others?)	
Then Wen Jie & Loke Mun Dick	OFB	Own Voice - okay. Should indicate members name on the video start page. Labels for sizes are inconsistent - Sample AES 8 bits, then key 128bits and shown 16bytes with only 4 bytes sample. Encrypt - Decrypt done by different members and incosistent diagrams used in videos	
Toon Ka Cheng & Ng Hong Sheng	CTR	Diagram used in video is too simple. the Encryption technique should be specific such as DES or AES and all Key and Block size should show exact values	
Tioh Shu Han & Yeng Yong Kai	CBC	Good overall. Diagram need to show block size and key size specific to DES	

	Assign. 1 Comments:	
1	Alicia Anne	Task 1 & Task 2 are good (8%)
2	Arvind Bhaskaran	No submission
3	Chan Wei Qian	Task 1 (4%) Good overall. Task 2 (3.8%): Should put introduction not directly "The Source code"! Final Plaintext should be formatted. Segment of code should be well explained and link with overall purpose of this assignment.
4	Chin Che Yeap	Task 1(3.8%) Online toolused: Chracter substitution only. Opkay. Report should have cover page. Task 2(3.5%) Report too brief. How decryption being done?
5	Eric Woon	Task 1(4%): Good overall. Task 2 (4 %): Good overall. Report should be combined, NOT seperated as Task 1 and Task 2
6	Ian Shum	Good overall Task 1 & Task 2 (8%)
7	Jeremy Foo	Task 1(3.8%) Online tool used: Character substitution only. Okay. Report should have cover page. Task 2(3.5%) Report too brief. How you did the I.C and period - Manually? How decryption being done?
8	Khew Jing Sheng	Task 1(3.6%) Online toolused: Chracter substitution only. Opkay. Report should have cover page. Identify the KEYWORD Task 2(4%) Good overall
9	Koh Boon Chun	Task 1(4%): Good overall Task 2(3.8%): Should explain (in report) how decryption with keyword happen
10	Kok Mun Haw	Task 1(4%) Task 2(4%) - Good overall report and program provided
11	Ling Ee Keat	Task 1(4%) Task 2(4%) - Good overall report and program provided
12	Loh Wei Foong	Task1 (1.5%) : Report too simple until unable to understand on how the whole work done! Task 2 (2.8 %): Should explain segment of code. Final plaintext should be formatted for readability
13	Loke Mun Dick	Task 1(4%): Good overall. Task 2 (2.5 %): First part of report is okay, 2nd part on finding keyword should not use any other external tools.
14	Midhunan	Task 1(4%): Good Task 2(3.5 %) - Should not directly show your code. Final plaintext should be formatted for readability
15	Ng Guo Yuan	Task 1 (4%) - Good overall. Task 2 (3.9%) - final plaintext should be formatted for reradability
16	Ng Hong Sheng	Task 1 (4%) - Good overall. Task 2 (3.9%) - final plaintext should be formatted for reradability
17	Ng Ze Sam	Task 1 (4%) - Good overall. Task 2 (3.9%) - final plaintext should be formatted for reradability in report
18	Poon Desmond	Task 1 & Task 2 are good (8%)
19	Pua De Sheng	Task 1(3.8%) Online tool used: Character substitution only. Okay. Report should have cover page. Task 2(3.8%) Segement of code should be explain together with the output generated
20	Tan Min Lee	Task 1 (4%) Good overall. Task 2 (2.8%) - Report starts with Porgram Code then Output of everything without proper explanantion.
21	Tan Ming Fong	Task 1 (3.8%) Need to re-order the substitution table to know the keyword. Task 2 (3.8%) The Decryption should be done after you have explain the process of finding period and the key characters.
22	Tan Zhi Xin	Task 1 (4%) - Good overall. Task 2 (3.9%) - final plaintext should be formatted for reradability
23	Tay Jie Ying	Good overall report and code Task 1 & Task 2 (8%)
24	Teh Win Sam	Task 1(4%) Task 2(4%) - Good overall report and program provided
25	Then Wen Jie	Task 1 (4%) - Good overall. Task 2 (3.9%) - final plaintext should be formatted for reradability
26	Tioh Su Han	Task 1 (4%) - Good overall. Task 2 (3.9%) - final plaintext should be formatted for reradability in report
27	Toon Ka Cheng	Task 1(3.8%) Online tool used: Character substitution only. Okay. Report should have cover page. Task 2 (3.9%) Full manual apporach - need to explain your works. Final plaintext should be formatted for readability in report
28	Viknesh	Task 1 & Task 2 are good (8%) - but report on the longer side with very detail of proving
29	Wong Chun Seng	Task 1 (4%) - Good overall. Task 2 (3.9%) - final plaintext should be formatted for reradability in report
30	Wong Jien Jieh	Task 1 (4%) Good overall. Task 2 (4%) Manual approach - Good overall
31	Wong Zhen Yet	Task 1(4%) Task 2(4%) - Good overall report and program provided
32	Yap Chen Ling	Task 1 & Task 2 are good (8%)
33	Yeng Yong Kai	Good overall Task 1 & Task 2 (8%)

RECHECK ALL TASK 1 FOR ADDITIONAL ONLINE TOOL USED

Assignment 2:

	A2-P2-TEA Encryption with CFB	Code & SEED	CFB, Enc. + Dec.	Report	Total
		3	2	2	7
1	Alicia Anne	3.00	2.00	2.00	**7.00**
2	Arvind Bhaskaran				**0.00**
3	Chan Wei Qian	2.00	1.50	1.50	**5.00**
4	Chin Che Yeap	3.00	2.00	1.80	**6.80**
5	Eric Woon	0.20	0.50	0.20	**0.90**
6	Ian Shum	3.00	2.00	1.80	**6.80**
7	Jeremy Foo	0.20	0.50	0.20	**0.90**
8	Khew Jing Sheng	3.00	2.00	2.00	**7.00**
9	Koh Boon Chun	3.00	1.80	2.00	**6.80**
10	Kok Mun Haw	3.00	2.00	2.00	**7.00**
11	Ling Ee Keat	2.20	2.00	0.80	**5.00**
12	Loh Wei Foong				**0.00**
13	Loke Mun Dick	2.20	1.80	1.20	**5.20**
14	Midhunan	3.00	2.00	1.80	**6.80**
15	Ng Guo Yuan	3.00	2.00	1.80	**6.80**
16	Ng Hong Sheng	2.50	2.00	0.10	**4.60**
17	Ng Ze Sam	3.00	2.00	2.00	**7.00**
18	Poon Desmond	3.00	2.00	2.00	**7.00**
19	Pua De Sheng	2.20	2.00	1.80	**6.00**
20	Tan Min Lee	3.00	2.00	1.80	**6.80**
21	Tan Ming Fong	3.00	2.00	2.00	**7.00**
22	Tan Zhi Xin	3.00	2.00	1.50	**6.50**
23	Tay Jie Ying	3.00	2.00	2.00	**7.00**
24	Teh Win Sam	3.00	2.00	2.00	**7.00**
25	Then Wen Jie	2.20	2.00	1.80	**6.00**
26	Tioh Su Han	2.20	2.00	2.00	**6.20**
27	Toon Ka Cheng	0.20	0.50	0.20	**0.90**
28	Viknesh	3.00	2.00	2.00	**7.00**
29	Wong Chun Seng	3.00	2.00	1.80	**6.80**
30	Wong Jien Jieh	3.00	2.00	2.00	**7.00**
31	Wong Zhen Yet	2.80	2.00	1.80	**6.60**
32	Yap Chen Ling	3.00	2.00	2.00	**7.00**
33	Yeng Yong Kai	3.00	2.00	2.00	**7.00**

Assignment 2 Comments:

	A2-P2-TEA Encryption with CFB	Total	
		7	Comments
1	Alicia Anne	7.00	Good overall report and program submitted.
2	Arvind Bhaskaran	0.00	No submission
3	Chan Wei Qian	5.00	Report does not have Output of program run-time. Encrypt-Deccrypt seems have error. Cipher NOT as HEX.
4	Chin Che Yeap	6.80	Report should have cover page. Good overall report content. Good program.
5	Eric Woon	0.90	Weak report. Wrong SEED block cipher and mode diagram used. SEED encryption technique NOT Seed for Random purposes. No sample output and explanation on code. No cover page. Our Spec. uses SEED encryption NOT TEA encryption. Last semester code?
6	Ian Shum	6.80	Report should have cover page. Good overall report content and program
7	Jeremy Foo	0.90	Weak report. Wrong SEED block cipher and mode diagram used. No sample output and explanation on code. No cover page. Our Spec. uses SEED encryption NOT TEA encryption. Last semester code?
8	Khew Jing Sheng	7.00	Good overall report and program submitted.
9	Koh Boon Chun	6.80	Good overall report. Program should output ciphertext in HEX format.
10	Kok Mun Haw	7.00	Good overall report and program submitted.
11	Ling Ee Keat	5.00	Report should have cover page. Report should have explanantion on SEED encryption and SEED+CFB mode diagram. Program should be parameter input NOT Menu-based
12	Loh Wei Foong	0.00	No submission
13	Loke Mun Dick	5.20	Report should have cover page. Wrong SEED block cipher + CFB mode diagram. Program should use parameter style NOT sequence entry. Why program name is AESTest?
14	Midhunan	6.80	Report should have cover page. Good overall code
15	Ng Guo Yuan	6.80	Report should have cover page. Good overall code
16	Ng Hong Sheng	4.60	Very weak report. Nothing on own code, execution etc. Only Cut & Paste SEED info. Code should not fixed all the file names, should be flexible. Code almost similar to Wong Zhen Yet
17	Ng Ze Sam	7.00	Good overall report and program submitted.
18	Poon Desmond	7.00	Good overall report and program submitted.
19	Pua De Sheng	6.00	Report should have cover page. Program should use parameter input NOT sequence execution requesting file names.
20	Tan Min Lee	6.80	Report should have cover page. Good overall code
21	Tan Ming Fong	7.00	Good overall report and code
22	Tan Zhi Xin	6.50	Report should have cover page. SEED diagram incomplete butCFb with SEED is good. Program is good
23	Tay Jie Ying	7.00	Good overall report and program submitted.
24	Teh Win Sam	7.00	Good overall report and code
25	Then Wen Jie	6.00	Report should have cover page. Code should use parameter input NOTmenu options
26	Tioh Su Han	6.20	Report should start with SEED and CFB mode, only then your program. Program should not use menu-based
27	Toon Ka Cheng	0.90	Weak report. No introductory of SEED + CFB. No sample output and explanation on code. No cover page. Our Spec. uses SEED encryption NOT AES encryption.
28	Viknesh	7.00	Good overall report and code
29	Wong Chun Seng	6.80	Report should have cover page. Code okay
30	Wong Jien Jieh	7.00	Good overall code and report
31	Wong Zhen Yet	6.60	Report should have cover page. Code looks familiar with Ng Hong Sheng
32	Yap Chen Ling	7.00	Good overall code and report
33	Yeng Yong Kai	7.00	Good overall report and program submitted.

Assignment 3

	A3-P2-Digital Signature - RSA	DS:Sign-Gen-Verify	MD5	SHA-1	Report	Total
		2	**2**	**2**	**2**	**8**
1	Alicia Anne	2.00	2.00	2.00	2.00	**8.00**
2	Arvind Bhaskaran	1.60	1.60	1.60	1.00	**5.80**
3	Chan Wei Qian	1.80	1.60	1.60	1.60	**6.60**
4	Chin Che Yeap	2.00	2.00	2.00	1.80	**7.80**
5	Eric Woon	1.60	2.00	2.00	1.60	**7.20**
6	Ian Shum	2.00	2.00	2.00	2.00	**8.00**
7	Jeremy Foo	2.00	2.00	2.00	0.80	**6.80**
8	Khew Jing Sheng	2.00	2.00	2.00	2.00	**8.00**
9	Koh Boon Chun	1.80	1.60	1.60	2.00	**7.00**
10	Kok Mun Haw	2.00	2.00	2.00	2.00	**8.00**
11	Ling Ee Keat	2.00	2.00	2.00	1.60	**7.60**
12	Loh Wei Foong					**0.00**
13	Loke Mun Dick	1.80	1.60	1.60	1.60	**6.60**
14	Midhunan	2.00	2.00	2.00	2.00	**8.00**
15	Ng Guo Yuan	2.00	2.00	2.00	2.00	**8.00**
16	Ng Hong Sheng	1.80	1.60	1.60	1.60	**6.60**
17	Ng Ze Sam	2.00	2.00	2.00	1.80	**7.80**
18	Poon Desmond	2.00	2.00	2.00	2.00	**8.00**
19	Pua De Sheng	1.80	1.60	1.60	1.80	**6.80**
20	Tan Min Lee	1.80	1.60	1.60	1.60	**6.60**
21	Tan Ming Fong	2.00	2.00	2.00	2.00	**8.00**
22	Tan Zhi Xin	2.00	2.00	2.00	2.00	**8.00**
23	Tay Jie Ying	1.80	1.60	1.60	1.80	**6.80**
24	Teh Win Sam	2.00	2.00	2.00	2.00	**8.00**
25	Then Wen Jie	2.00	2.00	2.00	1.20	**7.20**
26	Tioh Su Han	2.00	2.00	2.00	2.00	**8.00**
27	Toon Ka Cheng	1.80	1.60	1.60	1.00	**6.00**
28	Viknesh	2.00	2.00	2.00	1.80	**7.80**
29	Wong Chun Seng	1.80	1.60	1.60	1.60	**6.60**
30	Wong Jien Jieh	2.00	2.00	2.00	2.00	**8.00**
31	Wong Zhen Yet	2.00	2.00	2.00	2.00	**8.00**
32	Yap Chen Ling	2.00	2.00	2.00	2.00	**8.00**
33	Yeng Yong Kai	2.00	2.00	2.00	2.00	**8.00**

Assignment 3 Comments:

	A3-P2-Digital Signature - RSA	Total	
		8	Comments
1	Alicia Anne	8.00	Good overall program and report
2	Arvind Bhaskaran	5.80	Basic report. Program only handle TXT file NOT any files
3	Chan Wei Qian	6.60	Program unable to create Hash for any kind of files. Average report
4	Chin Che Yeap	7.80	Report should show test on any files to generates Hashes. Program okay (using basck Seed_CFB folder)
5	Eric Woon	7.20	Signer/Verifier on TXT file (fixed). Hashes - okay for other files. Report - okay
6	Ian Shum	8.00	Program: Covers all requirements. Report - Good
7	Jeremy Foo	6.80	Program: Covers all requirements. Weak report. Should explain your code segments and execute/test your program and report outcome.
8	Khew Jing Sheng	8.00	Good program, report okay - should show also create hash for other file format
9	Koh Boon Chun	7.00	Program: only handle txt file. Report: Okay
10	Kok Mun Haw	8.00	Good report and good program
11	Ling Ee Keat	7.60	Report: Average. Should test with other file fromat Program: okay
12	Loh Wei Foong	0.00	No submission
13	Loke Mun Dick	6.60	Average report. Program can only handle TXT file
14	Midhunan	8.00	Overall good for program and report
15	Ng Guo Yuan	8.00	Overall good program & report
16	Ng Hong Sheng	6.60	Avearge report. Program can handle only TXT file
17	Ng Ze Sam	7.80	Good overall program. Report should include test on other file format
18	Poon Desmond	8.00	Overall good report and program
19	Pua De Sheng	6.80	Average report. Program: MD5 and SHA-1 can't hanlde other file format only TXT
20	Tan Min Lee	6.60	Report should have cover page. Program unable to hanlde other file format only TXT. Confusing output. There is NO SHA-1 encryption
21	Tan Ming Fong	8.00	Overall good program and report
22	Tan Zhi Xin	8.00	Good both report and program
23	Tay Jie Ying	6.80	Program should test other than TXT file. There is NO MD-5 and SHA-1 encrypt/decrypt. They are Hashing. Report: okay.
24	Teh Win Sam	8.00	Good overall report and program. Program with extras.
25	Then Wen Jie	7.20	Report does not show complete analysis issing Output of Hash, reading other files to generate hash etc.
26	Tioh Su Han	8.00	Good overall report and program.
27	Toon Ka Cheng	6.00	Weak report. Only on Execution. No testing of other file format. Program only handle TXT file
28	Viknesh	7.80	Report good, but should show testing of MD5 and SHA-1 on other file format. Program: okay
29	Wong Chun Seng	6.60	Program Hashes for txt files. Report Okay.
30	Wong Jien Jieh	8.00	Program: Good. Report: Good
31	Wong Zhen Yet	8.00	Overall good program and report
32	Yap Chen Ling	8.00	Good program, report okay
33	Yeng Yong Kai	8.00	Program: Covers all requirements. Report - Good

Assignment 4:

	A4 - Key Establishment & Secure Communication	Key-Gen:RSA 10	Integrity: SHA-1 20	Handshake 15	Data Comm. 15	3DES and Ks create 20	Report 10	Presentation 10	Total 100
1	Alicia Anne	10	20	15	15	20	10	10	**100**
2	Arvind Bhaskaran	0	0	0	0	0	0	0	**0**
3	Chan Wei Qian	10	20	13	13	20	5	8	**89**
4	Chin Che Yeap	10	20	15	10	20	9	8	**92**
5	Eric Woon	9	0	5	5	0	4	4	**27**
6	Ian Shum	10	20	15	15	20	10	10	**100**
7	Jeremy Foo	9	0	5	5	0	5	4	**28**
8	Khew Jing Sheng	10	20	15	15	20	10	10	**100**
9	Koh Boon Chun	10	20	15	12	12	10	10	**89**
10	Kok Mun Haw	10	20	15	15	20	10	10	**100**
11	Ling Ee Keat	10	20	15	12	18	9	9	**93**
12	Loh Wei Foong	0	0	0	0	0	0	0	**0**
13	Loke Mun Dick	8	10	12	12	15	7	0	**64**
14	Midhunan	10	20	15	15	20	8	10	**98**
15	Ng Guo Yuan	10	20	15	13	20	10	10	**98**
16	Ng Hong Sheng	10	17	13	13	20	6	8	**87**
17	Ng Ze Sam	10	20	15	15	20	9	10	**99**
18	Poon Desmond	10	20	15	15	20	10	10	**100**
19	Pua De Sheng	10	20	15	15	20	7	7	**94**
20	Tan Min Lee	10	20	15	15	20	6	8	**94**
21	Tan Ming Fong	10	20	14	12	20	10	10	**96**
22	Tan Zhi Xin	10	20	15	15	20	10	10	**100**
23	Tay Jie Ying	10	20	15	15	20	10	10	**100**
24	Teh Win Sam	10	20	15	15	20	10	10	**100**
25	Then Wen Jie	9	15	5	5	10	8	7	**59**
26	Tioh Su Han	10	20	15	15	20	10	10	**100**
27	Toon Ka Cheng	10	17	13	13	20	6	4	**83**
28	Viknesh	10	20	15	15	20	10	10	**100**
29	Wong Chun Seng	10	20	15	15	20	8	9	**97**
30	Wong Jien Jieh	10	20	15	15	20	10	10	**100**
31	Wong Zhen Yet	10	20	15	15	20	10	10	**100**
32	Yap Chen Ling	10	20	15	15	20	9	10	**99**
33	Yeng Yong Kai	10	20	15	15	20	10	10	**100**

Assignment 4 Comments:

	A4 - Key Establishment & Secure Communication	Total 100	Comments
1	Alicia Anne	100	Program: Good overall, IV are send over. All requriements well-covered. Good overall Report
2	Arvind Bhaskaran	0	No submission
3	Chan Wei Qian	89	Program: All requirements delievered but ciphertext NOT dispalyed for tracing purposes. Basic Report
4	Chin Che Yeap	92	Program: Overall okay, but Encryp-Decrypt out-of-sync. Rfeport - Okay. Need more confidence during presentation/demo of program
5	Eric Woon	27	Program: Demo on localhost. Using basic RSA. Client send encrypted message direct to server one way and only once. Other requriements are NOT delivered. Report - limited.
6	Ian Shum	100	Program: Overall good, all requriementes delivered. Good Report
7	Jeremy Foo	28	Program: Unable to establish connection. Program consists of combination of code samples - Partially working. Basic Report on program attempt.
8	Khew Jing Sheng	100	Program: Overall good, all requriementes delivered and PU,PR in files. Report: Good
9	Koh Boon Chun	89	Program: Good, but K1 + K2 = Ks directly done with reverse (fixed). No ciphertext on Comm output for tracing. Good Report
10	Kok Mun Haw	100	(PENALTY MINUS 3 MARKS) Program: (Segments Similarity GROUP YELLOW - need to check)Good overall, satisfying all requriements. Report - Good
11	Ling Ee Keat	93	Program: PU, PR in files. Only Encrypt-Decrypt once then comm stop. Report - Okay
12	Loh Wei Foong	0	No submission
13	Loke Mun Dick	64	(PENALTY MINUS 3 MARKS). No Demonstration of Program. Program: (Code similarity GROUP GREEEN) Using basic RSA with parameters.
	(Continue comments)	>>	Ks has operations but Encrypt-Decrypt using CBC_DES NOT DES_EDE/Triple DES. Program does not verify PU, Ks. Report: Only explain up until Ks sharing and decryption. No Verification conducted. No secured communication in report.
14	Midhunan	98	Program: Crypto components not shown during execution - diffucult to trace. Other requirements well-covered. Report: Directly jump to code segment explanation. Average content.
15	Ng Guo Yuan	98	Program: Unable to hanlde long message. Mismatch Ks on both sides but somehow working (need to check code). Report: Okay
16	Ng Hong Sheng	87	(PENALTY MINUS 3 MARKS). Porgram: (Code Similarity GROUP GREEEN). Msg being cut short - buffering problem or size. Report: Only covers program execution.
17	Ng Ze Sam	99	Program: Overall is good, all requriements delivered. Report: Okay
18	Poon Desmond	100	Program: PU,PR in files. Good overall program. Report: Good
19	Pua De Sheng	94	(PENALTY MINUS 3 MARKS) Demo Program: (Segments Similarity GROUP YELLOW) All requirements well-covered. Suspected demo program of a friend! Report: Section of Code explanation only has code print-out. No confidence during demo
20	Tan Min Lee	94	Program: Overall good covering all requirements. Using basic RSA. IV and KS is send together to client. Report: Basic with lacking of explanation
21	Tan Ming Fong	96	Program: PU, PR in files. Having buffer problem with long message. Report: Good
22	Tan Zhi Xin	100	Program: Overall is good, all requriements delivered. Good report
23	Tay Jie Ying	100	Program: Using Basic RSA with parameters. Report: Good
24	Teh Win Sam	100	Program: Well done, all requriements delivered. Report: Good
25	Then Wen Jie	59	Program: Code NOT running only viewed by segment of codes. RSA seems okay. Ks = k1 + k2 problem. 3DES can't be verify. Report: Okay, but due to errors, report can explain that much only
26	Tioh Su Han	100	Program: Well done, all requriements delivered. Report: Good
27	Toon Ka Cheng	83	(PENALTY MINUS 3 MARKS). Program: Code NOT running . (Code Similarity GROUP GREEEN). Evaluate by code segments only.
28	Viknesh	100	Program: Overall good. Deliver all requriements. Using flags to control Comm. IV and Ks encrypted together.
29	Wong Chun Seng	97	Program: All requriements delivered as expected. Report: Okay
30	Wong Jien Jieh	100	Program: PU,PR in files. Good overall program. Overall good report
31	Wong Zhen Yet	100	Program: Good overall, with extra checking on ports opened. Good Report
32	Yap Chen Ling	99	Program: IV send by server to client. Other requirements well covered. Report a little basic in explanation but covered all aspects.
33	Yeng Yong Kai	100	Program: Good overall, Using Python. IV generated by XOR K1 and K2. PU,PR in files. Different ciphertext for same plaintext - checked. Report: Good