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					Team member name(s):	Team member email(s):
					Lingyu Hu	hu.lingyu@northeastern.edu
Practicum 2 Rubric & Self-Evaluation						
Part 1 - File write	Exemplary	Good	Acceptable	Points	Function names/Code Chunk/Lines	Additional notes (if needed)
Proper design of command and arguments	10	8	5	10	rfs.c -> #41 & #50 rfs.c -> #87 send_write_command() -> #108	
Files are written successfully (client and server can communicate over TCP/IP)	10	8	5	10	rfs.c -> #87 send_write_command() rfs.c -> #241 connect_to_server() server.c -> #226 receive_file()	
Gracefully handles missing file path (can be done in different ways)	10	8	5	10	rfs.c -> #51	
Part 2 - File read	Exemplary	Good	Acceptable	Points	Function names/Code Chunk/Lines	Additional notes (if needed)
Proper design of command and arguments	5	4	2	5	rfs.c -> #41 & #58 rfs.c -> #138 send_get_command() -> #147	
Files are read successfully	10	8	5	10	rfs.c -> #138 send_get_command() rfs.c -> #241 connect_to_server() server.c -> #276 send_file()	
Gracefully handles missing file path (can be done in different ways)	5	4	2	5	rfs.c -> #59	
Part 3 - File delete	Exemplary	Good	Acceptable	Points	Function names/Code Chunk/Lines	Additional notes (if needed)
Proper design of command and arguments	5	4	2	5	rfs.c -> #41 & #66 rfs.c -> #210 send_rm_command() -> #219	
File is successfully deleted on server	10	8	5	10	rfs.c -> #210 send_rm_command() rfs.c -> #241 connect_to_server() server.c -> #325 remove_file_or_dir()	
Gracefully handles missing file path (can be done in different ways)	5	4	2	5	rfs.c -> #67	
Part 4 - Advanced features (20pts, each additional option +10pts, all items weighted equally)						
a. Multithreading	Out of			Points	Function names/Code Chunk/Lines	Additional notes (if needed)
New thread created for each client connection	5 or 10			10	server.c -> #70 main() -> #126 pthread_create(&tid, NULL, client_thread, args)	
File read/write/delete are thread-safe	5 or 10			10	server.c -> #147 client_thread() -> #169 handle_client() -> #371 get_file_mutex() #226 receive_file() -> #231 & #232 #276 send_file() -> #287 & #288 #325 remove_file_or_dir() -> #330 & #331	
b. Permissions	Out of			Points	Function names/Code Chunk/Lines	Additional notes (if needed)
First write request also sets the file permissions on the remote file	5 or 10					
Subsequent write to same file fails if read-only, succeeds if read-write.	5 or 10					
c. Encryption	Out of			Points	Function names/Code Chunk/Lines	Additional notes (if needed)
Write command will save the data in a file in encrypted form	5 or 10					
Get command will decrypt the contents when retrieving file	5 or 10					
d. Other	Out of			Points	Function names/Code Chunk/Lines	Additional notes (if needed)
n/a; depends on implementation	10 or 20					
Overall	Out of			Points		
Code and comments quality	5			5		
Demo / presentation	5			5		