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|  | **Valid Client and Server Commands**  **Client Commands:**  1. add: can be used to ADD numbers. Example: add 1 2 3 4 5 |
|  | 2. sub: can be used to SUBTRACT numbers. Example: sub 1 2 3 4 5 |
|  | 3. mul: can be used to MULTIPLY numbers. Example: mul 1 2 3 4 5 |
|  | 4. div: can be used to DIVIDE numbers. Example div: 100 10 2 |
|  | 5. run: you can OPEN programs using this command. Example: run gedit |
|  | 6. list: lists down all programs that are active. Example: list |
|  | 7. list all: lists down all programs that were opened using the run command (active and inactive). Example: list all |
|  | 8. help: displays the help text on the screen. |
|  | 9. kill pid: kills process with specified pid. Example: kill pid 25365 |
|  | 10. kill name: kills process with specified name. Example: kill name gedit |
|  | 11. kill all: kills all processes that are active. Example: kill all |
|  | 12. connect: connect command takes in the IP address and the Port number of the server and form a connection with the |
|  | server if the addresses are correct. Example: connect 172.14.250.144 46525 |
|  | 13. disconnect: disconnects the connection of the client with the server. Example: disconnect |
|  | 14. exit: exits the program. Example: exit |
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|  | **Server Commands:** |
|  | 1. list-connections: lists down the IP addresses and the Port numbers of all clients that have been connected to the |
|  | server. Example: list-connections |
|  | 2. list-processes: lists down all processes that are running on the server as well as those that had been running. The |
|  | server parent process sends the request to all server-child process, which in return provide the server with their |
|  | current process lists. Those lists are then printed onto the screen by the server parent. Example: list-processes |
|  | 3. list-processes IP: lists down all active and nonactive processes belonging to a client with the specified IP. |
|  | Example: list-processes 172.14.250.152 |