Assignment 05 Linux C, System, Install, and Admin

1. Explain in your own words: what is ar and what is make? May we combine both, i.e. using them jointly in our source code developing?

2. How can we trick make into rebuilding all modules of your program?

3. What happens if the parent tries to write to the pipe when it is already full?

4. How a TCP connection is established in a client/server mode?

5. How does Linux avoid using bad blocks?

6. How a Linux kernel support a socket?

7. Why is it better to use su or sudo to become the superuser than to simply log in as "root"?

8. What will the ifconfig, route, and traceroute commands do?