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Programming Systems

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Program #1 GDB Write-up

First of all, the program called GDB was very helpful in completing the first program. In fact, I have been using GDB several times since last semester. However, I am not familiar with its command yet and my programming knowledge is still immature to fully use this program, but it helps a lot. First of all, I used gdb when I faced segmentation fault during the programming test. Mostly I was able to figure out where the problem is with gdb. I can run the program in gdb (gdb ./a.out) and when the segmentation fault happens, it tells me where the problem is. If I want to get more information of the problem, I can use backtrace(bt). This is the command I can use to check information at a particular breakpoint. I can use backtrace or bt to view information. This information will be displayed based on stack memory. In addition to the Segmentation fault, I had to use gdb. It was when I faced the message double free detected. This is a message that comes when I try to release the memory that I have already released. This problem was also solved by using (gdb ./a.out) and (bt).