Lab 2

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Assignment 1

```
-bash-4.2$ gdb person
GNU gdb (GDB) Red Hat Enterprise Linux 7.6.1-80.el7
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This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law. Type "show copying" and "show warranty" for details.
This GDB was configured as "x86_64-redhat-linux-gnu".
For bug reporting instructions, please see:
<a href="http://www.gnu.org/software/gdb/bugs/>...">http://www.gnu.org/software/gdb/bugs/>...</a>
Reading symbols from /Users/Student/hramirez/Documents/EECE2160/Lab2/person...done.
(gdb) break PrintPerson
Breakpoint 1 at 0x40053c: file Pre-Lab-02a.c, line 10.
(gdb) run
Starting program: /Users/Student/hramirez/Documents/EECE2160/Lab2/person
Breakpoint 1, PrintPerson (person=0x7fffffffe400) at Pre-Lab-02a.c:10
                 printf("%s is %d years old\n",
Missing separate debuginfos, use: debuginfo-install glibc-2.17-106.el7_2.6.x86_64
(gdb) print person
$1 = (struct Person *) 0x7fffffffe400
(gdb) print *person
(gdb) print person->name
(gdb) print person ->age
$4 = 10
```

print person: will give the data type of person, and its adress

print *person: dereferences the person and provides you with all the members in it's memory allocation

print person->name: will provide you with the name member of this object

print person->age: will provide you witht the age member of this object

Assignment 2