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Activity 1:

1. -

2. <http://www.gdbtutorial.com/tutorial/how-install-gd> <https://www.tutorialspoint.com/gnu_debugger/installing_gdb.htmb> <https://www.howtoinstall.me/ubuntu/18-04/gdb/>

3. -

4. done

Activity 2:

1. gcc -g -o punish punishment.c

2. gdb a.out/ gdb punish

3. run

4. break (line number)

5. next

6. p (variable name)

7. continue

8. quit

Activity 3:

1. 4 variables and 2 pointers (x,y are variables and \*px,\*py are pointers)

2. nothing, just garbage. It happens be its not initialized

3. set the variables to x,y to 0.

4. In order to print the addresses of x,y - printf(“%p, %p \n ”, &x, &y)

5. px = &x; py=&y;

Printf( “address of px: %p and value of px: %p \n“, &px , px);

Printf( “address of py: %p and value of py: %p \n“ &py, py);

6. for (int i=0; i<10; i++){

Printf(“content of %d element is %d, address itself: %u \n”, i, \*(arr+i), arr+i);

}

7. printf("%d\n", \*arr);

printf("%d\n\n", arr[0]);

printf("%p\n", &arr);

printf("%p\n\n", &arr[0]);

8. Yes it makes sense, printed what was expected