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Assignment 2

Consider the program in folder assign2.

a. Put a breakpoint in 1 st executable line of the innermost loop.

Ans:

```
(gdb) b 12  
Breakpoint 1 at 0x1173: file d.c, line 12.
```

b. If you run and continue ,how many times it is supposed to stop at breakpoint 1?

3000 x 200 x 10

c. How will you continue so that it stops at 1000 th iteration of innermost loop ?

```
(gdb) ignore 1 999  
Will ignore next 999 crossings of breakpoint 1.
```

d. How you can condition your breakpoint , so that the loop stops at every 1000 th iteration of innermost loop ?

```
condition 1 k>0 && (k-999)%1000 ==0
```

e. Put a breakpoint in the 1 st line of outermost loop.

```
(gdb) b 8  
Breakpoint 2 at 0x1161: file d.c, line 8.
```

f. Disable breakpoint "1"

```
(gdb) disable 1
```

g. Add a command to breakpoint 2 so that it prints the value of "i" at each hit.

```
(gdb) commands 2
Type commands for breakpoint(s) 2, one per line.
End with a line saying just "end".
>print i
>end
```

h. Delete breakpoint 2.

```
(gdb) d 2
```