**validargs (Works)**

|  |  |
| --- | --- |
| -h | 1 |
| -h -a | 1 |
| -h -a -e b | 1 |
| -h -a -b D000d000 -e l | 1 |
| -h -d | 1 |
| -h -d -e b | 1 |
| -h -d -b D000d000 -e b | 1 |
|  | |
| -a | 0 |
| -a -e b | 4 |
| -a -e l | 0 |
| // all positional arguments (-a|-d) come before any optional arguments (-b and –e). | |
| -a -e b -b D000d000 | 3489714180 |
| -a -e l -b D000d000 | 3489714176 |
| -a -b D000d000 -e b | 3489714180 |
| -a -b FfFfF000 -e l | 4294963200 |
| -a -b 0 -e l | 0 |
| -a -b 00 -e l | 0 |
|  | |
| -d | 2 |
| -d -e b | 6 |
| -d -e l | 2 |
| // all positional arguments (-a|-d) come before any optional arguments (-b and –e). | |
| -d -e b -b D000d000 | 3489714182 |
| -d -e l -b D000d000 | 3489714178 |
| -d -b D000d000 -e b | 3489714182 |
| -d -b D000d000 -e l | 3489714178 |
| -d -e b -b Bab000 | 12234758 |

**validargs (Does not Work) EVERYTHING IN -a MUST BE CONVERTED TO –d**

**Make sure to test with -d as well**

**Print global\_options and make sure they are 0**

// -h must be first

-a -h

-a -h -e b

-a -b D000d000 -e l -h

-a -h -b D000d000 -e b

-a -b D000d000 -h -e b

// Missing parameter/wrongly placed

-a -e -b D000d000 b

-a l -e -b D000d000

-a -b -e b

-a D000d000 -b -e l

-a -e b D000d000 -b

// all positional arguments (-a|-d) come before any optional arguments (-b and –e).

-e b -a

-e -a l

-e b -a -b D000d000

-e l -b -a D000d000

-b D000d000 -e b -a

-b D000d000 -e -a l

- b D000d000 -a -e l

// Argument amt not correct

// nothing

bin/hw1

-a -b

-a -e

-a -b 1000 -e b -e b

-a -b 1000 -e b -b

-a -b 1000 –d

// Invalid base address

-a -b D000d0000 -e b // too many

-a -b D000d00 -e b // not divisible by 4096

-a -b G000 -e l // Edge case for checking hex

-a -b -d000 -e l // neg base address?

// Invalid endianness

-a -b D000d000 -e i

// not allowed

-a -d

-a -a