

- Terminute 🛢 . Stop the program
- · Suspud II. Pause execution

Mux: 2 N-1 -1

- 1 Step into 3. Step into afunction
- · Stepover Step over to next line
- · Step out \_ ! Step out . Pa Func tion
- · hestert 🔥 hestert execution . Pragram

## MSP430

- Runs in little Endica host sign: frient byte is stored is stored at the nignert

address of the storage

- 8kB . F RAM
- 128 KB Flush
- 25 MHz MCU

Signed	Unsigned	+ofbits
	Mia: O	
Min: -lx2 N-1	_N	·8 bits in

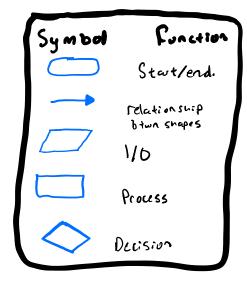
Max: 2" -1

D Change heap Size to 300 for print f to work. D Optimization level turn off: O Silicon versions m Sp

b duta men by model -> 5 m all limit interveture set to mon-extended instructions. B Break point is essentially a power in the program such that the user is while to see what it unopposing in the code.

	Size ( bytes)		Size (in myers)	1	CinaChila
Char	8	unsigned thur	1	double	Size Claytes,
Short int	2	unsigned Short int	2	Clauf	0
int	2	unsigned int	,	Flour	8
long int	4	unsigned long int	1,	-	
long long int	8	unsigned long long int	4	_	
		7	1 0		

abyte



Char	8	unsigue dint	1
Short int	Z	unsigned short	
int	7	unsigned	
long int	4	unsigned long	<sup>4</sup> ~
long long int	8	unsigned con	gion 8
Float	U	double	8

Convert - 3460 to binary, hex, and octal

```
3460/8 = 24
                                   0000 0
3460/z = 0
              0000 0101 1000 0100
                  1010 0111 1011
                                           43218 = RO
              1111
                                   0001
1730/2 = 0
                                   0010 2
                                           54 18 = R6
86512 =1
                  T010
                       0111
                            1100
                                   0011 3
              IHT
                        7
                             C
                                   0100 4
                                           618 =
                                                    26
                   A
432/2 = 0
               F
                                   0101 5
                            C
                       7
                   2
                                           018 = 20
216/2 =0
               F
                                  0110
108/2 = D
              6604
                                  1110
                                  (000)
54/2 = D
                                  1001
                                       4
27/2 = 1
                                  1010
                                  1011
13/2 = 1
                                  1100 C
012 20
                                       0
                                  1101
                                       E
                                 1110
3/2 = 1
                                 HILL
1/2 = 0
```

