

TUTORIAL - 1

A.1 #include <stdio.h>
 int main () {
 printf ("%lu", sizeof (int));
 printf ("%lu", sizeof (unsigned int));
 printf ("%lu", sizeof (short int));
 printf ("%lu", sizeof (unsigned short int));
 }

• Output →

4

4

2

2

Data type	Size	Data type	Size
int	4	Float	4
unsigned int	4	double	8
short int	2	long double	16
unsigned short int	2	char	1
		unsigned char	1
long int	⊕		
unsigned long int	⊕		

A.2 1) Value of x before function call
 → 100

2) Address of x before function call
 → 0x7ffee37057f8

3) Value of 'num' after function call.
→ 0x7ffec37057f8

4) Address of num after function call.
→ 0x7ffec37057d8

5) Value of 'num' after function call adding
~~the~~ value inside function.
→ 0x7ffec37057f8

6) Address of num after adding value inside
function.
→ 0x7ffec37057d8.

Done