Type Name	Bytes	Other Names	Range of Values
int	4 bytes	signed	–2,147,483,648 to 2,147,483,647
unsigned int	4 bytes	unsigned	0 to 4,294,967,295
__int8	1 byte	char	–128 to 127
unsigned __int8	1 byte	unsigned char	0 to 255
__int16	2 bytes	short, short int, signed short int	–32,768 to 32,767
unsigned __int16	2 bytes	unsigned short, unsigned short int	0 to 65,535
__int32	4 bytes	signed, signed int, int	–2,147,483,648 to 2,147,483,647
unsigned __int32	4 bytes	unsigned, unsigned int	0 to 4,294,967,295
__int64	8 bytes	long long, signed long long	–9,223,372,036,854,775,808 to
unsigned __int64	8 bytes	unsigned long long	0 to 18,446,744,073,709,551,615
bool	1 byte	none	false or true
char	1 byte	none	–128 to 127 by default
signed char	1 byte	none	–128 to 127
unsigned char	1 byte	none	0 to 255
short	2 bytes	short int, signed short int	–32,768 to 32,767
unsigned short	2 bytes	unsigned short int	0 to 65,535
long	4 bytes	long int, signed long int	–2,147,483,648 to 2,147,483,647
unsigned long	4 bytes	unsigned long int	0 to 4,294,967,295
long long	8 bytes	none (but equivalent to __int64)	–9,223,372,036,854,775,808 to 9,223,372,036,854,775,807
unsigned long long	8 bytes	none (but equivalent to unsigned	0 to 18,446,744,073,709,551,615
enum	varies	none	See Remarks later in this article
float	4 bytes	none	3.4E +/- 38 (7 digits)
double	8 bytes	none	1.7E +/- 308 (15 digits)
long double	same as	none	Same as double
wchar_t	2 bytes	__wchar_t	0 to 65,535

NOTA:
If the size of a data type is n bytes, it can store 2^{8n} different values. This is called the data type's range.
If size of an unsigned data type is n bytes, it ranges from 0 to $2^{8n}-1$
If size of a signed data type is n bytes, it ranges from -2^{8n-1} to $2^{8n-1}-1$
So, a short(usually 2 bytes) ranges from -32768 to 32767 and an unsigned short ranges from 0 to 65535