Format Specifier	Data Type	Description/Usage		
%hhd, %hhi	signed char	Signed integer the size of a character (1 byte).		
%hd, %hi	short	Signed short integer (usually 2 bytes).		
%d, %i	int	Signed decimal integer.		
%ld, %li	long	Signed long integer.		
%lld, %lli	long long	Signed long long integer.		
%hhu	unsigned char	Unsigned decimal integer the size of a character (1 byte), like uint8_t.		
%hu	unsigned short	Unsigned decimal short integer (usually 2 bytes).		
%u	unsigned int	Unsigned decimal integer.		
%o	unsigned int	Unsigned octal integer.		
%x, %X	unsigned int	Unsigned hexadecimal integer (lowercase or uppercase letters).		
%lu	unsigned long	Unsigned decimal long integer.		
%lo	unsigned long	Unsigned octal long integer.		
%lx, %lX	unsigned long	Unsigned hexadecimal long integer.		
%llu	unsigned long long	Unsigned decimal long long integer.		
%llo	unsigned long long	Unsigned octal long long integer.		
%llx, %llX	unsigned long long	Unsigned hexadecimal long long integer.		