Print Format Specifier	Description	Supported Data Types
%c	Character	char unsigned char
%d	Signed Integer	short unsigned short int long
%e or %E	Scientific notation of float values	float double
%f	Floating Point	float
%g or %G	Similar as %e or %E	float double
%hi	Signed Integer(Short)	short
%hu	Unsigned Integer(Short)	unsigned short
%i	Signed Integer	short unsigned short int long
%l or %ld or %li	Signed Integer	long
%lf	Floating point	double
%Lf	Floating Point	long double
%lu	Unsigned Integer	unsigned int unsigned long
%lli, %lld	Signed Integer	long long
%llu	Unsigned Integer	unsigned long long
%o	Octal representation of Integer.	short unsigned short int unsigned int long
%p	Address of pointer to void void *	void *
%s	String	char *
%u	Unsigned Integer	unsigned int unsigned long
%x or %X	Hexadecimal representation of Unsigned Integer	short unsigned short int unsigned int long
%n	Prints nothing	
%%	Prints % character	

Variable Declaration Data types	**Byte Size**	**Numerical Range**	**Description**
signed char	1 byte	-128 to 127	A character
unsigned char	1 byte	0 to 255	A character
signed short int	2 bytes	-32,767 to 32,767	Short signed integer of minimum 2 bytes
unsigned short int	2 bytes	0 to 65,535	Short unsigned integer of minimum 2 bytes
signed int	2 or 4 bytes	-32,768 to 32,767 or -2,147,483,648 to 2,147,483,647	An integer (Both positive as well as negative)
unsigned int	2 or 4 bytes	0 to 65,535 or 0 to 4,294,967,295	An unsigned integer (Positive integer)
signed long int	4 bytes	-2,147,483,648 to 2,147,483,647	Long signed integer of minimum 4 bytes
unsigned long int	4 bytes	0 to 4,294,967,295	Long unsigned integer of minimum 4 bytes
signed long long int	8 bytes	-9,223,372,036,854,775,808 to 9,223,372,036,854,775,807	Integer with doubled capacity of a long
unsigned long long int	8 bytes	0 to 18,446,744,073,709,551,615	Unsigned integer with doubled capacity of a long
float	4 bytes	1.2E-38 to 3.4E+38	Single precision floating point number
double	8 bytes	2.3E-308 to 1.7E+308	Double precision floating point number
long double	12 bytes	3.4E-4932 to 1.1E+4932	Double precision floating point number