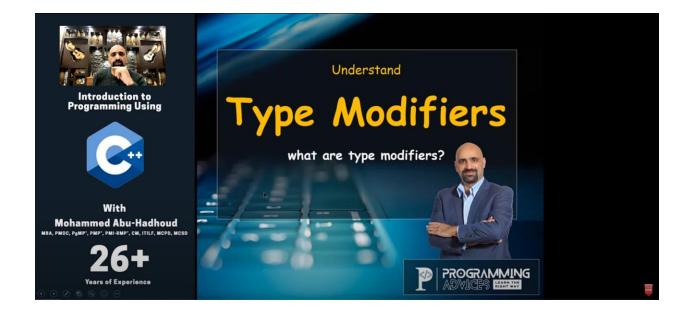


Туре	Meaning	R	ange	Size (Bytes)	
int	Integer	-2,147,483,648	+2,147,483,647	4	
float	Floating-Point	1.17549e-38	3.40282e+38	4	
double	Double Floating-Point	2.22507e-308	1.79769e+308	8	1
char	Character	-127	127	1	1
wchar_t	Wide Character			2	
bool	Boolean	0	1	1	
void	Empty			0	
string	String			12	



## Type Modifiers:

We can modify some of the fundamental data types by using type  $\underline{\text{modifiers}}$ . There are 4 type modifiers in C++. They are:

- 1. signed
- 2. unsigned
- 3. short
- 4. long





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## Type Modifiers:

We can modify the following data types with the above modifiers:

- 1. int
- 2. double
- 3. char



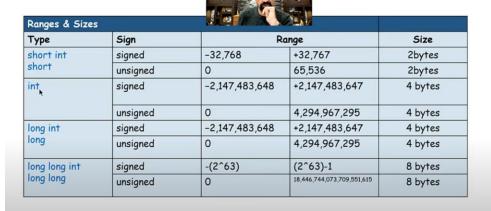


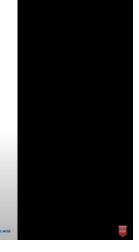
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254 Years of experience





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Ranges & Sizes					
Туре	Sign	Ro	Size		
float	signed	1.17549e-38	3.40282e+38	4 bytes	
double	signed	2.22507e-308	1.79769e+308	8 bytes	
long double	signed	10 e-307	10 e+308	12 bytes	





Ranges & Sizes					
Туре	Sign		Range		
char	signed	-127	127	1 byte	
*	unsigned	0	255	1 byte	
bool	-			1 byte	
String	-			12 bytes	
Void	-	Empty		0 bytes	





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Revisit all previous homework's and choose the proper datatype



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