

C# Programming

1.4 C# Data Types

➤ These are the data types that used in C#

- Int
- Long
- Float
- Double
- Bool
- Char
- String

Data Type	Size	Description
int	4 bytes	Stores whole numbers from -2,147,483,648 to 2,147,483,647
long	8 bytes	Stores whole numbers from -9,223,372,036,854,775,808 to 9,223,372,036,854,775,807
float	4 bytes	Stores fractional numbers. Sufficient for storing 6 to 7 decimal digits
double	8 bytes	Stores fractional numbers. Sufficient for storing 15 decimal digits
bool	1 bit	Stores true or false values
char	2 bytes	Stores a single character/letter, surrounded by single quotes
string	2 bytes per character	Stores a sequence of characters, surrounded by double quotes

```
int myNum = 5;           // Integer (whole number)
double myDoubleNum = 5.99D; // Floating point number
char myLetter = 'D';      // Character
bool myBool = true;       // Boolean
string myText = "Hello";  // String
```