Chapter 4 – Union Types

1. Introduction

A picture containing shape

Description automatically generated

* 1. any type is very unspecific.
  2. string. This type is very specific
  3. Union Types strikes balance between the two
     1. Allows to combine multiple specific types

1. Defining Unions
   1. Unions allow us to define multiple allowed *type members*
   2. Separating each type member with a vertical line character **|**

Example

|  |
| --- |
| let ID: string | number;    // number  ID = 1;    // or string  ID = '001';    console.log(`The ID is ${ID}.`); |

Exercise

|  |
| --- |
| function printNumsAndStrings(statement: string | number) {  console.log(`ℹ️ LOG:: ${statement}`);  }  printNumsAndStrings('hello!');  printNumsAndStrings(4); |

1. Type Narrowing