DECLARATIONS

STACK | **HEAP**

- **TYPES**

  VALUE | REFERENCE

VALUE	REFERENCE
STRUCT	CLASS
BOOL	STRING
INT, FLOAT...	TABLE
ENUM	INTERFACE
	LIST

  ("DOG") st → (OBJECT VALUE)   (DOG)
  NULL → NOTHING   ⊗

- **ACCESS TYPES**

  1 | 1 | 1A

  | 3 | 3 | |
  | 2 | | 4 |
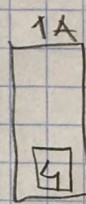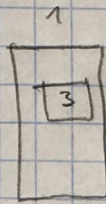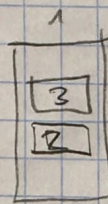
  1 PUBLIC
  2 PRIVATED
  3 PROTECTED
  4 INTERNAL
  5 PROTECTED INTERNAL

- **AVAILABLE MODYFIERS**

  - STATIC

    OBJECT A | OBJECT B
    STATIC A | STATIC A
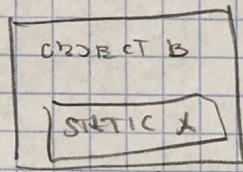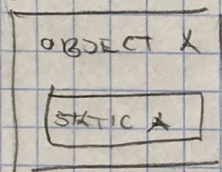
    THE SAME CLASS

  - CONST

    PUBLIC CONST DOUBLE PI = 3.14;

  - READONLY SIMILAR TO

- **DEFAULT VALUES**

  - DT

REFERENCE	NUMERIC TYPES	BOOL
NULL	0	FALSE
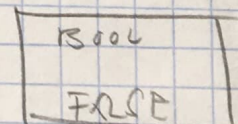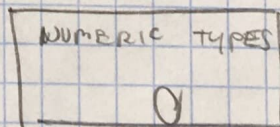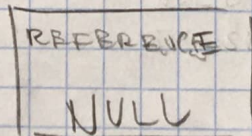
- TABLES

E. 6.
```
int x ;
int [] array = { 1, 2, 7, 10 };
```
| THE SHORTEST WAY

x = array [2] (=> 7)

array.Length (7 (-> 4)

- ENUMERATED TYPE | ENUM |

ANSWERS

```
Enum x = { OPTION 1 ,
           ...
           OPTION 11 = 1 ;
           "  12 ,
           "  13 = 5 ;
         }
```

int x = (int) x . OPTION 11

ENUM USES INT

	ANSWERS
1	0
	1
12	2
13	5

X - OPTION 12

ANSWER | " OPTION 12 " |