**BÁO CÁO**

**BÀI 2: PHÂN TÍCH CÚ PHÁP**

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1. **Với example1.kpl**

* File example.kpl

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| Program Example1; (\* Example 1 \*)  Begin  End. (\* Example 1 \*) |

* Kết quả chạy:

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1. **Example2.kpl**

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| Program Example2; (\* Factorial \*)    Var n : Integer;  Function F(n : Integer) : Integer;  Begin  If n = 0 Then F := 1 Else F := N \* F (N - 1);  End;  Begin  For n := 1 To 7 Do  Begin  Call WriteLn;  Call WriteI( F(n));  End;  End. (\* Factorial \*) |

* Kết quả:

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1. **Example3.kpl**

* File example3.kpl

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| Program InvalidExample2; (\* Example with intentional errors \*)  Var  arr : array [1..10] of Char;  Function Calc(a : Integer, b : Char) : Integer (\* Missing ':' after 'b' \*)  Begin  If a != 0 Then (\* ERR\_INVALIDCOMPARATOR: '!=' is not valid in Pascal, use '<>' \*)  Calc := a + b  Else  Calc := Calc(a 1); (\* ERR\_INVALIDSYNTAX: Missing operator between 'a' and '1' \*)  End;  Begin  arr[.2.] := 'XY'; (\* ERR\_INVALIDSYNTAX: '.2.' is an invalid index \*)  Call Calc(3); (\* ERR\_INVALIDSYNTAX: 'Call' is not a valid Pascal keyword \*)  End. (\* InvalidExample2 \*) |

* Kết quả:

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