Actividad 3.3 Practicando los Lenguajes Libres de Contexto

Módulos en Elixir:

EBNF

```
DEF_MODULE ::= 'defmodule' MODULE_NAME 'do' '\n' '\t' CODE '\n' 'end'

MODULE_NAME ::= CAP_LETTER [ {LETTER | CAP_LETTER | DIGIT | '_' } ]

CAP_LETTER ::= 'A' | 'B' | 'C' | 'D' | 'E' | 'F' | 'G' | 'H' | 'I' | 'J' | 'K' | 'L' | 'M' | 'N' |

'O' | 'P' | 'Q' | 'R' | 'S' | 'T' | 'U' | 'V' | 'W' | 'X' | 'Y' | 'Z' |

LETTER ::= 'a' | 'b' | 'c' | 'd' | 'e' | 'f' | 'g' | 'h' | 'i' | 'j' | 'k' | 'I' | 'm' | 'n' | 'o' | 'p' | 'q' |

'r' | 's' | 't' | 'u' | 'v' | 'w' | 'x' | 'y' | 'z'

DIGIT ::= '0' | '1' | '2' | '3' | '4' | '5' | '6' | '7' | '8' | '9'
```

BNF

Funciones en Elixir:

EBNF

```
FUNCTION ::= 'def' FUNCTION_NAME '(' [ARGUMENTS] ')' 'do' CODE 'end'

FUNCTION_NAME ::= LETTER | _ [ {CAP_LETTER | '_' | LETTER | DIGIT}]

ARGUMENTS ::= VARIABLE [ {',' VARIABLE} ]

VARIABLE ::= LETTER [ {CAP_LETTER | '_' | LETTER | DIGIT}]

CAP_LETTER ::= 'A' | 'B' | 'C' | 'D' | 'E' | 'F' | 'G' | 'H' | 'I' | 'J' | 'K' | 'L' | 'M' | 'N' | 'O' | 'P' | 'Q' | 'R' | 'S' | 'T' | 'U' | 'V' | 'W' | 'X' | 'Y' | 'Z' |

LETTER ::= 'a' | 'b' | 'c' | 'd' | 'e' | 'f' | 'g' | 'h' | 'i' | 'j' | 'k' | 'I' | 'm' | 'n' | 'o' | 'p' | 'q' | 'r' | 's' | 't' | 'u' | 'v' | 'w' | 'x' | 'y' | 'z'

DIGIT ::= '0' | '1' | '2' | '3' | '4' | '5' | '6' | '7' | '8' | '9'
```

BNF