000001.00000.**00001**.0000000000000010 //ADDI

010011.00000.**00010**.00000.00000000000 //LOADINPUT

001111.00000.000000000000000000000 //NOP

010011.00000.**00011**.0000000000000000 //LOADINPUT

010010.00010.00011.**00100**.00000000000 //MULT

010100.00100.00001.**00011**.00000000000 //DIV

010101.00000.**00011**.0000000000000000 //OUT