

```

                                intermediate.txt
0      ERROR  NOSTART 1000    5
0      FIRST  STL    RETADR 0
3      CLOOP  JSUB    RDREC 0
6                                  LDA    LENGTH 0
9                                  COMP    ZERO 0
12                                 JEQ    ENDFIL 0
15                                 JSUB    WRREC 0
18                                 J      CLOOP 0
21      1L3G4L LDA    EOF    2
24                                  STA    BUFFER 0
27                                  LDA    THREE 0
30                                  STA    LENGTH 0
33                                 JSUB    WRREC 0
36                                 LDL    RETADR 0
39                                 RSUB    RETURN 0
42      ERRORR BYTE    XF1 '  4
43      DUPLICATE      WORD    3      0
46      ZERO    WORD    0      0
49      RETADR  RESW    1      0
52      LENGTH  RESW    2      0
58      BUFFER  RESB    4096    0
4154     RDREC  LDX    ZERO    0
4157                                  LDA    ZERO 0
4160     RLOOP  TD      INPUT 0
4163                                  JEQ    RLOOP 0
4166                                  RD     INPUT 0
4169                                  COMP    ZERO 0
4172                                  JEQ    EXIT 0
4175                                  STCH   BUFFER,X      0
4178                                  TIX    MAXLEN 0
4181                                  JLT    RLOOP 0
4184     EXIT    STX    LENGTH 0
4187                                  RSUB    RETURN 0
4190     ERRORR BYTE    Y'F1'  3
4190     MAXLEN  WORD    4096    0
4193     DUPLICATE      LDX    ZERO 1
4196     WLOOP  TD      OUTPUT 0
4199                                  JEQ    WLOOP 0
4202                                  LDCH   BUFFER,X      0
4205                                  WD     OUTPUT 0
4208                                  TIX    LENGTH 0
4211                                  JLT    WLOOP 0
4214                                  RESB    4096 0
8310     TOOLONG RESB    4096    8
12406                                  RSUB    RETURN 8
12409     OUTPUT  BYTE    X'05'  8
12414                                  END    FIRST 8

```

intermediate.txt

Printing Error Code List:

```
*=====*
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No Error	= 0
Duplicate Label	= 1
Illegal Label	= 2
Illegal Operation	= 3
Illegal Data Storage Directive	= 4
Missing START Directive	= 5
Missing END Directive	= 6
Too Many Symbols	= 7
Program Too Long	= 8

```
*=====*
```