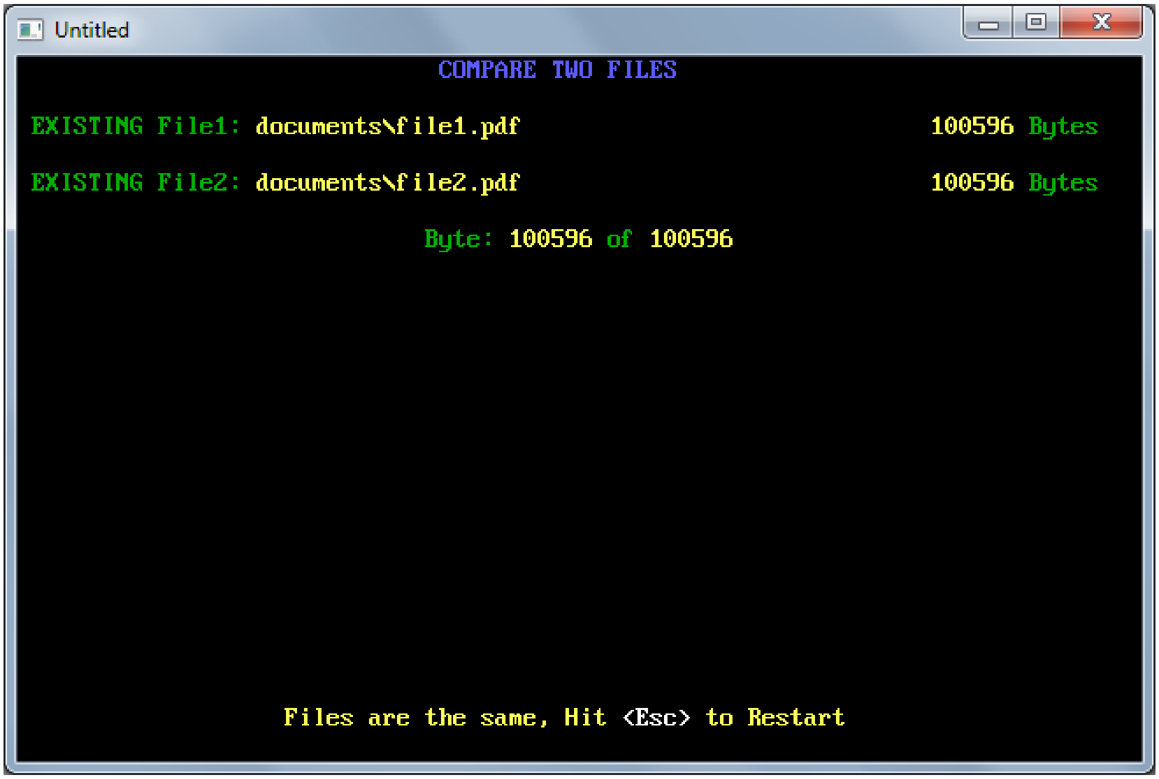
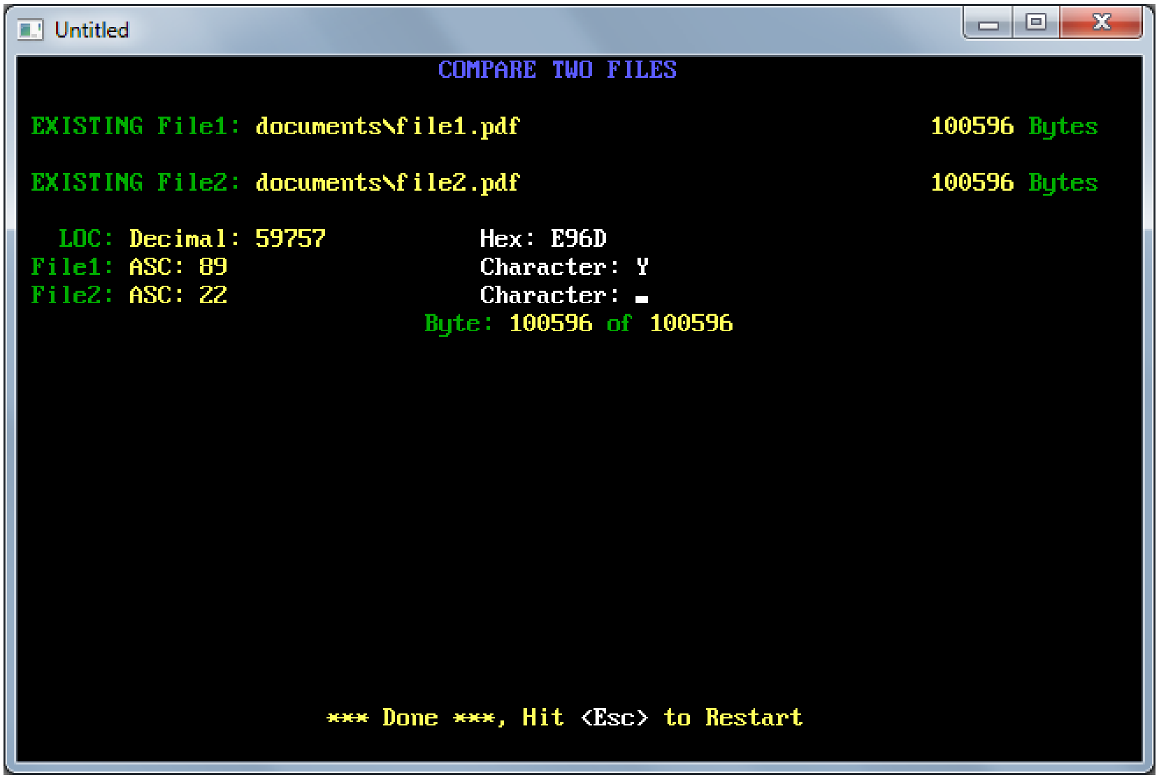
Compare Two Files

Compare Two Files.exe is a Windows executable that is designed to compare two existing files, byte-by-byte, that are **identical in size**. If any differences exist, then the byte location is shown along with the differing bytes. If there are five differences, then the program quits scanning the two files and stops. *File2.pdf* was successively modified for each of the screen shots below to illustrate the changes in the display.



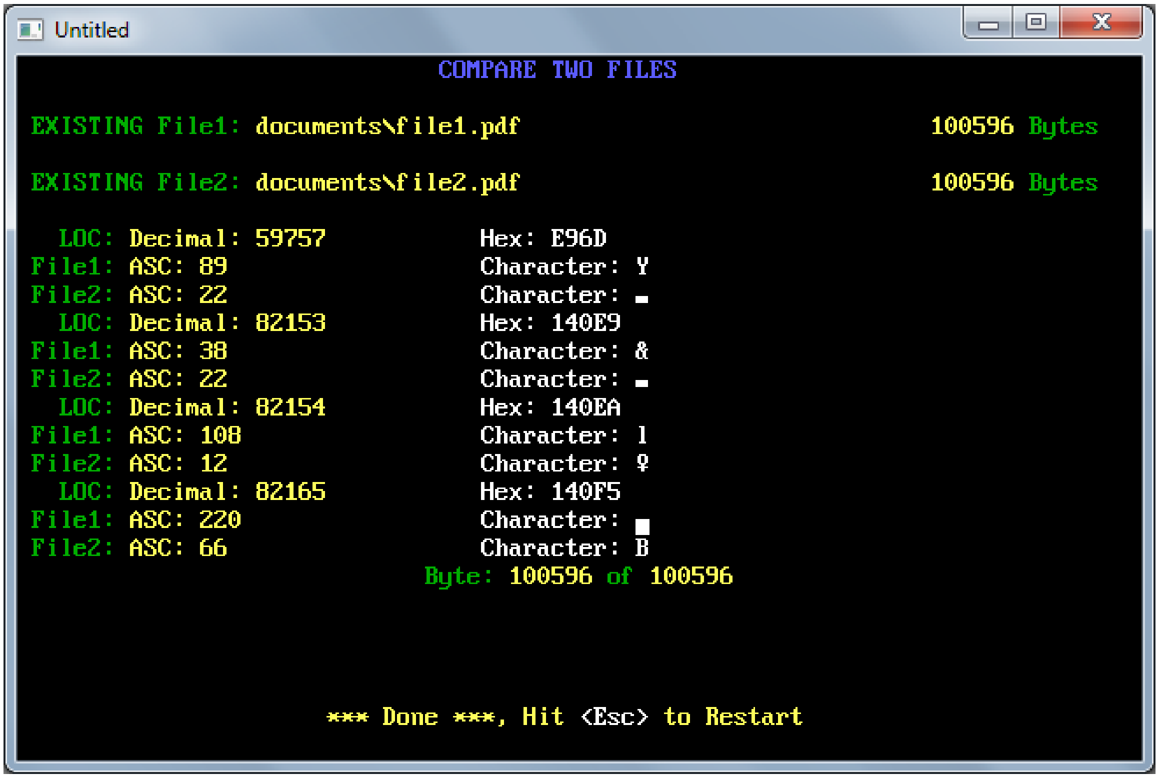
```
                             COMPARE TWO FILES

EXISTING File1: documents\file1.pdf                            100596 Bytes

EXISTING File2: documents\file2.pdf                            100596 Bytes

                            Byte: 100596 of 100596

















                   Files are the same, Hit <Esc> to Restart
```

File1.pdf is identical to *File2.pdf*



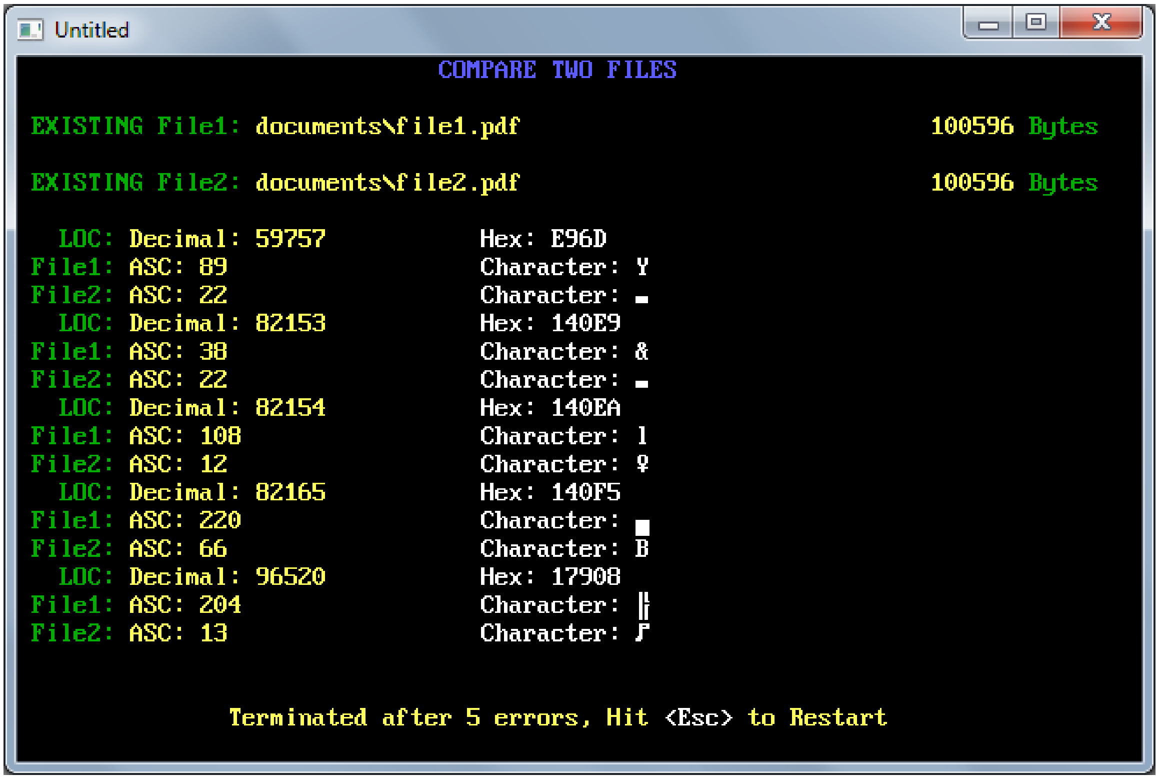
```
                             COMPARE TWO FILES

EXISTING File1: documents\file1.pdf                            100596 Bytes

EXISTING File2: documents\file2.pdf                            100596 Bytes

  LOC: Decimal: 59757           Hex: E96D
File1: ASC: 89                  Character: Y
File2: ASC: 22                  Character: ▬
                            Byte: 100596 of 100596














                      *** Done ***, Hit <Esc> to Restart
```

File1.pdf and *File2.pdf* have a one-byte difference at LOC(59757 Decimal) or LOC(E96D Hex)



```
                         COMPARE TWO FILES

EXISTING File1: documents\file1.pdf                             100596 Bytes

EXISTING File2: documents\file2.pdf                             100596 Bytes

  LOC: Decimal: 59757            Hex: E96D
File1: ASC: 89                   Character: Y
File2: ASC: 22                   Character: ▬
  LOC: Decimal: 82153            Hex: 140E9
File1: ASC: 38                   Character: &
File2: ASC: 22                   Character: ▬
  LOC: Decimal: 82154            Hex: 140EA
File1: ASC: 108                  Character: l
File2: ASC: 12                   Character: ♀
  LOC: Decimal: 82165            Hex: 140F5
File1: ASC: 220                  Character: ▄
File2: ASC: 66                   Character: B
                        Byte: 100596 of 100596



                    *** Done ***, Hit <Esc> to Restart
```

File1.pdf and *File2.pdf* have four-byte differences at various locations



```
                         COMPARE TWO FILES

EXISTING File1: documents\file1.pdf                             100596 Bytes

EXISTING File2: documents\file2.pdf                             100596 Bytes

  LOC: Decimal: 59757            Hex: E96D
File1: ASC: 89                   Character: Y
File2: ASC: 22                   Character: ▬
  LOC: Decimal: 82153            Hex: 140E9
File1: ASC: 38                   Character: &
File2: ASC: 22                   Character: ▬
  LOC: Decimal: 82154            Hex: 140EA
File1: ASC: 108                  Character: l
File2: ASC: 12                   Character: ♀
  LOC: Decimal: 82165            Hex: 140F5
File1: ASC: 220                  Character: ▄
File2: ASC: 66                   Character: B
  LOC: Decimal: 96520            Hex: 17908
File1: ASC: 204                  Character: ╠
File2: ASC: 13                   Character: ♪


                Terminated after 5 errors, Hit <Esc> to Restart
```

File1.pdf and *File2.pdf* have **<u>at least</u>** five-byte differences at various locations
Scanning is terminated