

<pre> 'Sample BASIC program printout  DECLARE SUB OpenFile (FileName\$, RecLen%, Dat\$( ), FldLen\$( ), FileNum%) DECLARE SUB ReadFile (FileNum%, RecordNumber%) DECLARE SUB WriteFile (FileNum%, RecordNumber%)  CONST Max% = 5 FileName\$ = "FIELD.DAT" 'we'll use five data fields 'this is the file name to open REDIM Contents\$(1 TO Max%) 'this holds the file data contents REDIM Lengths\$(1 TO Max%) 'this holds the field lengths  RecLength% = 0 'this accumulates the total record length FOR X% = 1 TO Max%     READ Lengths\$(X%)     RecLength% = RecLength% + Lengths\$(X%) NEXT  '----- open the data file and assign some sample data  CALL OpenFile(FileName\$, RecLength%, Contents\$( ), Lengths\$( ), FileNumber%) FOR X% = 1 TO Max%     READ Temp\$     LSET Contents\$(X%) = Temp\$ NEXT  RecNumber% = 1 CALL WriteFile(FileNumber%, RecNumber%) 'write the data to record number 1 CALL ReadFile(FileNumber%, RecNumber%) 'read the data back again  FOR X% = 1 TO Max%     PRINT "{"; Contents\$(X%); "}" NEXT  FOR X% = 1 TO Max%     PRINT "{"; Contents\$(X%); "}" NEXT  FOR X% = 1 TO Max%     PRINT "{"; Contents\$(X%); "}" NEXT  FOR X% = 1 TO Max%     PRINT "{"; Contents\$(X%); "}" NEXT  FOR X% = 1 TO Max%     PRINT "{"; Contents\$(X%); "}" NEXT  CLOSE #FileNumber%  SUB OpenFile (FileName\$, RecLen%, Dat\$( ), FldLen\$( ), FileNum%) STATIC     FileNum% = FREEFILE     OPEN FileName\$ FOR RANDOM AS #FileNum% LEN = RecLen% 'open the data file     NumFields% = UBOUND(FldLen%)     Pad = 0     FOR X% = 1 TO NumFields%         ThisLen% = FldLen\$(X%)         FIELD #FileNum%, Pad AS Dummy\$, ThisLen% AS Dat\$(X%) 'field it         Pad = Pad + ThisLen%     NEXT     FOR X% = 1 TO NumFields%         ThisLen% = FldLen\$(X%)         FIELD #FileNum%, Pad AS Dummy\$, ThisLen% AS Dat\$(X%) 'field it         Pad = Pad + ThisLen%     NEXT     FOR X% = 1 TO NumFields%         ThisLen% = FldLen\$(X%)         FIELD #FileNum%, Pad AS Dummy\$, ThisLen% AS Dat\$(X%) 'field it         Pad = Pad + ThisLen%     NEXT     FOR X% = 1 TO NumFields%         ThisLen% = FldLen\$(X%)         FIELD #FileNum%, Pad AS Dummy\$, ThisLen% AS Dat\$(X%) 'field it     NEXT </pre>	<pre>         Pad = Pad + ThisLen%     NEXT     FOR X% = 1 TO NumFields%         ThisLen% = FldLen\$(X%)         FIELD #FileNum%, Pad AS Dummy\$, ThisLen% AS Dat\$(X%) 'field it         Pad = Pad + ThisLen%     NEXT     FOR X% = 1 TO NumFields%         ThisLen% = FldLen\$(X%)         FIELD #FileNum%, RecordNumber%     NEXT     SUB ReadFile (FileNum%, RecordNumber%) STATIC         GET #FileNum%, RecordNumber%     END SUB     SUB WriteFile (FileNum%, RecordNumber%) STATIC         PUT #FileNum%, RecordNumber%     END SUB </pre> <p>' Microsoft and the Microsoft logo are registered trademarks of Microsoft Corporation</p>
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