```
File name . . . . . . . . . . . . . . . . . . . . . . . :    STUDENTS
  Library name  . . . . . . . . . . . . . . . . . . . . :    DC433E08
File attribute  . . . . . . . . . . . . . . . . . . . . :    Physical
Source file containing DDS  . . . . . . . . . . . . . . :    QDDSSRC
  Library name  . . . . . . . . . . . . . . . . . . . . :    DC433E08
Source member containing DDS  . . . . . . . . . . . . . :    STUDENTS
Source member last changed  . . . . . . . . . . . . . . :    06/03/21    9:58:58
Source listing options  . . . . . . . . . . . . . . . . :    *SOURCE     *LIST       *NOSECLVL   *EVENTF
DDS generation severity level . . . . . . . . . . . . . :    20
DDS flagging severity level . . . . . . . . . . . . . . :    00
File type . . . . . . . . . . . . . . . . . . . . . . . :    *DATA
Authority . . . . . . . . . . . . . . . . . . . . . . . :    *LIBCRTAUT
Replace file  . . . . . . . . . . . . . . . . . . . . . :    *NO
Text  . . . . . . . . . . . . . . . . . . . . . . . . . :
Compiler  . . . . . . . . . . . . . . . . . . . . . . . :    IBM System i5 Data Description Processor
```

Data Description Source

```
SEQNBR  *...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8  Date

   100     A                                           UNIQUE                              06/03/21
   101     A          R STUDENTSR                      TEXT('STUDENTS REGISTER')           06/03/21
   102     A            STUDENTNO      9S 0            COLHDG('STUDENT' 'NUMBER')          06/03/21
   103     A            FIRSTNAME     15               COLHDG('FIRST NAME')                06/03/21
   104     A            LASTNAME      20               COLHDG('LAST NAME')                 06/03/21
   105     A            BIRTHDATE       L                                                  06/03/21
   106     A            PHONE         10S 0            COLHDG('PHONE' 'NUMBER')            06/03/21
   107     A            ADDRESS       30               COLHDG('STREET' 'ADDRESS')          06/03/21
   108     A            CITY          15                                                   06/03/21
   109     A            PROVINCE       2               COLHDG('PROV' 'CODE')               06/03/21
   110     A                                                                               06/03/21
   111     A            POSTALCODE     6               COLHDG('POSTAL' 'CODE')             06/03/21
   112     A            FEESOWED       7P 2            COLHDG('FEES' 'OWED')               06/03/21
   113     A            FINESOWED      7P 2            COLHDG('FINES' 'OWED')              06/03/21
   114     A          K STUDENTNO                                                          06/03/21

               * * * * *  E N D   O F   S O U R C E   * * * * *
```

Expanded Source

		Field	Buffer position	
SEQNBR	*...+....1....+....2....+....3....+....4....+....5....+....6....+....7....+....8	length	Out	In
100	UNIQUE			
101	R STUDENTSR TEXT('STUDENTS REGISTER')			
102	STUDENTNO 9S 0B COLHDG('STUDENT' 'NUMBER')	9	1	1
	TEXT('STUDENT NUMBER')			
103	FIRSTNAME 15A B COLHDG('FIRST NAME')	15	10	10
	TEXT('FIRST NAME')			
104	LASTNAME 20A B COLHDG('LAST NAME')	20	25	25
	TEXT('LAST NAME')			
105	BIRTHDATE 10L B COLHDG('BIRTHDATE')	10	45	45
106	PHONE 10S 0B COLHDG('PHONE' 'NUMBER')	10	55	55
	TEXT('PHONE NUMBER')			
107	ADDRESS 30A B COLHDG('STREET' 'ADDRESS')	30	65	65
	TEXT('STREET ADDRESS')			
108	CITY 15A B COLHDG('CITY')	15	95	95
109	PROVINCE 2A B COLHDG('PROV' 'CODE')	2	110	110
	TEXT('PROV CODE')			
111	POSTALCODE 6A B COLHDG('POSTAL' 'CODE')	6	112	112
	TEXT('POSTAL CODE')			
112	FEESOWED 7P 2B COLHDG('FEES' 'OWED')	4	118	118
	TEXT('FEES OWED')			
113	FINESOWED 7P 2B COLHDG('FINES' 'OWED')	4	122	122
	TEXT('FINES OWED')			
114	K STUDENTNO			

* * * * *   E N D   O F   E X P A N D E D   S O U R C E   * * * * *

Messages

   ID   Severity Number

Message Summary

Total	Informational (0-9)	Warning (10-19)	Error (20-29)	Severe (30-99)
0	0	0	0	0

```
* CPF5813    40                    Message . . . . :    File STUDENTS in library DC433E08 already exists.
* CPF7302    40                    Message . . . . :    File STUDENTS not created in library DC433E08.
```

* * * * * E N D   O F   C O M P I L A T I O N   * * * * *

```
Command  . . . . . . . . . . . . . :   CRTBNDRPG
   Issued by  . . . . . . . . . . :     DC433E08
Program  . . . . . . . . . . . . . :   STUDENTS
   Library  . . . . . . . . . . . :     DC433E08
Text 'description' . . . . . . . . :   *SRCMBRTXT


Source Member  . . . . . . . . . . :   STUDENTS
Source File  . . . . . . . . . . . :   QRPGLESRC
   Library  . . . . . . . . . . . :     DC433E08
   CCSID  . . . . . . . . . . . . :     37
Text 'description' . . . . . . . . :
Last Change  . . . . . . . . . . . :   06/03/21  00:32:31

Generation severity level  . . . . :   10
Default activation group . . . . . :   *YES
Compiler options . . . . . . . . . :   *XREF      *GEN       *NOSECLVL  *SHOWCPY
                                        *EXPDDS    *EXT       *NOSHOWSKP *NOSRCSTMT
                                        *DEBUGIO   *UNREF     *EVENTF
Debugging views  . . . . . . . . . :   *SOURCE
Debug encryption key . . . . . . . :   *NONE
Output . . . . . . . . . . . . . . :   *PRINT
Optimization level . . . . . . . . :   *NONE
Source listing indentation . . . . :   *NONE
Type conversion options  . . . . . :   *NONE
Sort sequence  . . . . . . . . . . :   *HEX
Language identifier  . . . . . . . :   *JOBRUN
Replace program  . . . . . . . . . :   *YES
User profile . . . . . . . . . . . :   *USER
Authority  . . . . . . . . . . . . :   *LIBCRTAUT
Truncate numeric . . . . . . . . . :   *YES
Fix numeric  . . . . . . . . . . . :   *NONE
Target release . . . . . . . . . . :   *CURRENT
Allow null values  . . . . . . . . :   *NO
Define condition names . . . . . . :   *NONE
Enable performance collection  . . :   *PEP
Profiling data . . . . . . . . . . :   *NOCOL
Licensed Internal Code options . . :
Generate program interface . . . . :   *NO
Include directory  . . . . . . . . :
Preprocessor options . . . . . . . :   *NONE
```

                 S o u r c e   L i s t i n g

    1 FSTUDACCTS IP   E   DISK   210603   000100
       ---
       *   RPG name   External name   *
       * File name. . . . . : STUDACCTS   BCI433LIB/STUDACCTS   *
       * Record format(s) . . . . : STUDACCTR   STUDACCTR   *

    2=ISTUDACCTR   1000001
       ---   1
       * RPG record format . . . . : STUDACCTR   *   1
       * External format . . . . . : STUDACCTR : BCI433LIB/STUDACCTS   *   1
       * Format text . . . . : STUDENT ACCOUNTS   *   1
       ---   1
    3=I   S   1   9 0STUDNO   STUDENT NUMBER   1000002
    4=I   A   10   12 CSPGM   PROGRAM CODE   1000003
    5=I   A   13   27 FNAME   FIRST NAME   1000004
    6=I   A   28   47 LNAME   LAST NAME   1000005
    7=I   A   48   57 LRNACT   LEARN ACCOUNT   1000006
    8=I   S   58   58 0SMSTR   SEMESTER   1000007

       * * * * *   E N D   O F   S O U R C E   * * * * *

              A d d i t i o n a l   D i a g n o s t i c   M e s s a g e s

Msg id Sv Number Seq   Message text
*RNF7086 00   1 000100 RPG handles blocking for file STUDACCTS. INFDS is updated
                            only when blocks of data are transferred.

* * * * *   E N D   O F   A D D I T I O N A L   D I A G N O S T I C   M E S S A G E S   * * * * *

                      C r o s s   R e f e r e n c e

        File and Record References:

            File   Device   References (D=Defined)
              Record
            STUDACCTS   DISK   1D
              STUDACCTR   1D   2

        Global Field References:

            Field   Attributes   References (D=Defined M=Modified)
*RNF7031 CSPGM   A(3)   4D
*RNF7031 FNAME   A(15)   5D
*RNF7031 LNAME   A(20)   6D
*RNF7031 LRNACT   A(10)   7D
*RNF7031 SMSTR   P(1,0)   8D
*RNF7031 STUDNO   P(9,0)   3D

        Indicator References:

            Indicator   References (D=Defined M=Modified)

         * * * * *   E N D   O F   C R O S S   R E F E R E N C E   * * * * *

                    E x t e r n a l   R e f e r e n c e s

    Statically bound procedures:
        Procedure   References
        No references in the source.

    Imported fields:
        Field   Attributes   Defined
        No references in the source.

    Exported fields:
        Field   Attributes   Defined
        No references in the source.

  * * * * *   E N D   O F   E X T E R N A L   R E F E R E N C E S   * * * * *

M e s s a g e   S u m m a r y

```
 Msg id  Sv Number Message text
*RNF7031 00      6 The name or indicator is not referenced.
*RNF7086 00      1 RPG handles blocking for the file. INFDS is updated only when
                   blocks of data are transferred.
```

      * * * * *   E N D   O F   M E S S A G E   S U M M A R Y   * * * * *

F i n a l   S u m m a r y

Message Totals:

    Information (00) . . . . :   7
    Warning   (10) . . . . :   0
    Error   (20) . . . . :   0
    Severe Error (30+) . . . . :   0
    ------------------------------- -------
    Total . . . . :   7

Source Totals:

    Records . . . . :   8
    Specifications . . . . :   8
    Data records . . . . :   0
    Comments . . . . :   0

        * * * * *   E N D   O F   F I N A L   S U M M A R Y   * * * * *
Program STUDENTS placed in library DC433E08. 00 highest severity. Created on 06/03/21 at 10:18:55.
        * * * * *   E N D   O F   C O M P I L A T I O N   * * * * *

DC433E08 MD RAFI AL ARABI BHUI