What is 9I,10 error and why is it happening?

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The problem is in these lines of your select statement:

```
100008 RECORD KEY IS FILE1-KEY
100009 ALTERNATE RECORD KEY IS FILE1-KEY,
```

You have defined the alternate key to be the same as the primary key, and you';re using a file handler that doesn';t support this (ex: JIsam).

If you comment out the ALTERNATE line then you will no longer get the error.

If you need to use identical keys, you can use the c-treeRTG file handler, which allows this syntax.

To diagnose the problem, run your program with the following properties:

```
iscobol.logfile=log.txt
iscobol.tracelevel=63
```

In the resulting "log.txt" file you will find the file status along with the extended file status. The line for this error was:

Oct 28, 2020 21.41.49.669 INFO: Unknown error FILE1 (FILE1.DAT) FS=[9I], EXFS=[108]: unknown error

This shows that the error reported in your error message, 91,10 is actually a 91,108. The 108 error is further identified in our KB for how to diagnose 9? Errors: <u>How do I interpret file status 9? and other EXFS extended file status codes (e.g. 9i,105)?</u> This article shows the following:

```
/* 108 */ "key already exists"
```

Indicating that the OPEN was trying to add a key that was already added.