

Full-Screen COBOL 'Hello World' Program on PUB400.com

Step 1: Create a DDS Display File (HELLODSPF)

```
CRTSRCPF FILE(MEJILLARLIB/QDDSSRC)
```

```
STRSEU SRCFILE(MEJILLARLIB/QDDSSRC) SRCMBR(HELLODSPF) TYPE(DSPF)
```

DDS Source Code:

```
-----  
      A          R SCREEN  
      A                                     5 20'HELLO WORLD FROM SCREEN!'  
      A                                     8 20'Press Enter to exit...'  
      A                                     CF03(03)
```

Step 2: Compile the Display File

```
CRTDSPF FILE(MEJILLARLIB/HELLODSPF) SRCFILE(MEJILLARLIB/QDDSSRC)
```

Step 3: Create COBOL Program (HELLODSP)

```
STRSEU SRCFILE(MEJILLARLIB/QCBLLESRC) SRCMBR(HELLODSP) TYPE(CBLLE)
```

COBOL Source Code:

```
-----  
      IDENTIFICATION DIVISION.  
      PROGRAM-ID. HELLODSP.  
      ENVIRONMENT DIVISION.  
      INPUT-OUTPUT SECTION.  
      FILE-CONTROL.  
          SELECT SCREEN-FILE ASSIGN TO DISPLAY HELLODSPF.  
  
      DATA DIVISION.  
      FILE SECTION.  
      FD SCREEN-FILE.  
      01 SCREEN-RECORD.  
          05 FILLER      PIC X(80).  
      WORKING-STORAGE SECTION.  
      01 DUMMY-VAR PIC X.  
  
      PROCEDURE DIVISION.  
          OPEN OUTPUT SCREEN-FILE  
          WRITE SCREEN-RECORD  
          ACCEPT DUMMY-VAR  
          CLOSE SCREEN-FILE  
          STOP RUN.
```

Step 4: Compile the COBOL Program

```
CRTBNDCBL PGM(MEJILLARLIB/HELLODSP) SRCFILE(MEJILLARLIB/QCBLLESRC)
```

Step 5: Run the Program

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```
CALL PGM(MEJILLARLIB/HELLODSP)
```