

# The JCL and COBOL 'HELLO WORLD' Program

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## 1. COBOL Program

```
IDENTIFICATION DIVISION.  
PROGRAM-ID. COB001.  
PROCEDURE DIVISION.  
    DISPLAY "HELLO WORLD".  
    STOP RUN.
```

## 2. Compile JCL

```
//MATEKSD JOB MSGLEVEL=(1,1),NOTIFY=&SYSUID  
//*  
//*  COMPILER A COBOL PROGRAM  
//*  
//CL    EXEC COBOLCL,  
//      COPYLIB=MATEKS.COPYLIB,    <= COPYBOOK LIBRARY  
//      LOADLIB=MATEKS.LOADLIB,     <= LOAD LIBRARY  
//      SRCLIB=MATEKS.COBOL.SRCLIB, <= SOURCE LIBRARY  
//      MEMBER=COB001              <= SOURCE MEMBER
```

### **Note:**

The compile JCL and RUN JCL are provided to you by your Mainframe Admin and it might differ from company to company so the above compile JCL might not work for you because it differs from machine to machine and many companies tweak the compile JCL and run JCL as per their standard.

I am providing another compile JCL which works in another machine.

### **Compile JCL2:**

```
//COMPJCL JOB 1AD40G12,'COMPCOB-COMPLINK',NOTIFY=&SYSUID  
//*****  
//*COMPILAR Y LINKEDITAR  
//*****  
//STEP0    EXEC IGYWCL,PARM.COBOL='LIB,APOST,XREF,MAP,OFFSET'  
//* -----  
//*      JCL PARA COMPILAR PGM DE COBOL (SIN DB2 Y SIN CICS)
```

```
//* -----  
//* -----  
//COBOL.SYSLIB DD DISP=SHR,DSN=MATEKS.COBOL.COPYLIB  
//COBOL.SYSIN DD DISP=SHR,DSN=MATEKS.COBOL.SRCLIB(COB001)  
//LKED.SYSLMOD DD DISP=OLD,DSN=MATEKS.COBOL.LOADLIB(COB001)  
/*  
//
```

### 3. RUN JCL

```
//MATEKSD JOB MSGLEVEL=(1,1),NOTIFY=&SYSUID  
/*  
/* RUN A COBOL PROGRAM,  
/*  
//STEP01 EXEC PGM=COB001  
//STEPLIB DD DSN=MATEKS.LOADLIB,DISP=SHR  
//SYSOUT DD SYSOUT=*
```