

TP 02 – DSI6

Trabalho de COBOL para disciplina de DSI6.

Autores:

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* Author:
* Date:
* Purpose:
* Tectonics: cobb

IDENTIFICATION DIVISION.
PROGRAM-ID. TP02.
AUTHOR. BRENNO BARBOSA E DIEGO NATALO.
DATE-WRITTEN. 26/09/2021.
DATE-COMPILED. 26/09/2021.
SECURITY. TP02.

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ENVIRONMENT DIVISION.  
CONFIGURATION SECTION.  
SOURCE-COMPUTER. RYZEN GEN2.  
OBJECT-COMPUTER. RYZEN GEN2.  
SPECIAL-NAMES.  
DECIMAL-POINT IS COMMA.
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DATA DIVISION.  
WORKING-STORAGE SECTION.  
01 FICHA.  
05 NOMECompleto.  
10 NOME PIC A(20).  
10 SOBRENOME PIC A(30).  
05 PRONTUARIO PIC X(8).  
05 SALARIO.  
10 BRUTO PIC 9(5)V99.  
10 LIQUIDO PIC 9(5)V99.  
10 REFERENCIA PIC 9(5)V99.  
10 INSS PIC 9(5)V99.  
10 IRRF PIC 9(5)V99.  
77 WKHORAS PIC 999.  
77 WKVALHORA PIC 999.
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77 WKQTDDEPEND PIC Z9.  
77 WKDESCDEPEND PIC 9(5)V99.  
77 WKTEMP PIC 9(5)V99.  
77 VALHORA-SC PIC ZZZ,ZZ VALUES ZERO.  
77 BRUTO-SC PIC ZZZZZ,ZZ VALUES ZERO.  
77 LIQUIDO-SC PIC ZZZZZ,ZZ VALUES ZERO.  
77 INSS-SC PIC ZZZZZ,ZZ VALUES ZERO.  
77 IRRF-SC PIC ZZZZZ,ZZ VALUES ZERO.
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PROCEDURE DIVISION.

INICIO.

*TELA

```
DISPLAY "TP 02 - BRENNO E DIEGO" AT 0120.  
DISPLAY "Nome:" AT 0305 WITH BACKGROUND-COLOR 5.  
DISPLAY "Sobrenome:" AT 0405 WITH BACKGROUND-COLOR 3.  
DISPLAY "Prontuario:" AT 0505 WITH BACKGROUND-COLOR 2.  
DISPLAY "Valor da hora:" AT 0605 WITH BACKGROUND-COLOR
```

6.

```
DISPLAY "Quantidade de horas:" AT 0705 WITH  
BACKGROUND-COLOR 1.
```

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DISPLAY "Quant. de dependentes:" AT 0805 WITH  
BACKGROUND-COLOR 3.
```

*ENTRADAS

```
ACCEPT NOME AT 0310 WITH BACKGROUND-COLOR 5.  
ACCEPT SOBRENOME AT 0415 WITH BACKGROUND-COLOR 3.  
ACCEPT PRONTUARIO AT 0516 WITH BACKGROUND-COLOR 2.  
ACCEPT WKVALHORA AT 0619 WITH BACKGROUND-COLOR 6.  
ACCEPT WKHORAS AT 0725 WITH BACKGROUND-COLOR 1.  
ACCEPT WKQTDDEPEND AT 0827 WITH FOREGROUND-COLOR 3.
```

*CALCULOS

```
COMPUTE BRUTO = WKHORAS * WKVALHORA.  
COMPUTE INSS = 0,14 * BRUTO.  
COMPUTE REFERENCIA = BRUTO - INSS.  
COMPUTE WKTEMP = 0,275 * REFERENCIA.  
COMPUTE WKTEMP = WKTEMP - 869,36.  
COMPUTE IRRF = WKTEMP + WKDESCDEPEND.  
COMPUTE LIQUIDO = REFERENCIA - IRRF.
```

```
MOVE WKVALHORA TO VALHORA-SC.  
MOVE BRUTO TO BRUTO-SC.  
MOVE INSS TO INSS-SC.  
MOVE IRRF TO IRRF-SC.  
MOVE LIQUIDO TO LIQUIDO-SC.
```

*APRESENTA DOS RESULTADOS

```
DISPLAY "SALARIO BRUTO: R$" AT 1005 BRUTO-SC  
WITH BACKGROUND-COLOR 3.
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WITH BACKGROUND-COLOR 3.  
DISPLAY "INSS: R$" AT 1105 INSS-SC WITH  
BACKGROUND-COLOR 3.  
DISPLAY "IRRF: R$" AT 1205 IRRF-SC WITH  
BACKGROUND-COLOR 3.  
DISPLAY "SALARIO LIQUIDO: R$" AT 1305 LIQUIDO-SC  
WITH BACKGROUND-COLOR 3.  
DISPLAY "————FICHA————" AT 1505  
WITH BACKGROUND-COLOR 6.  
  
DISPLAY "NOME:" AT 1705 WITH BACKGROUND-COLOR 5  
NOME WITH BACKGROUND-COLOR 5.  
  
DISPLAY "SOBRENOME:" AT 1805 WITH BACKGROUND-COLOR 3  
SOBRENOME WITH BACKGROUND-COLOR 3.  
  
DISPLAY "PRONTUARIO:" AT 1905 WITH BACKGROUND-COLOR 3  
PRONTUARIO WITH BACKGROUND-COLOR 1.  
  
DISPLAY "VALOR DA HORA TRABALHADA: R$" AT 2005  
WITH BACKGROUND-COLOR 3  
  
VALHORA-SC WITH BACKGROUND-COLOR 3.  
DISPLAY "QTD DE HORAS:" AT 2105 WITH BACKGROUND-COLOR 3  
  
DISPLAY "QTD DE DEPENDENTES:" AT 2205 WITH  
BACKGROUND-COLOR 3  
WKQTDDEPEND WITH BACKGROUND-COLOR 3.  
  
*POSICIONAR CURSOR NO FIM DA TELA*  
DISPLAY " " AT 2405.  
STOP "Pressione qualquer tecla para terminar...".  
STOP RUN.
```

_pressione qualquer tecla para terminar...

Nome: Brenno
Sobrenome: Barbosa
Prontuario: CB300721
Valor da hora: 120
Quantidade de horas: 500
Quant. de dependentes: 2

SALARIO BRUTO: R\$ 6000,00
INSS: R\$ 840,00
IRRF: R\$ 549,64
SALARIO LIQUIDO: R\$ 4610,36

-----FICHA-----

NOME: Brenno
SOBRENOME: Barbosa
PRONTUARIO: CB300721
VALOR DA HORA TRABALHADA: R\$120,00
QTD DE HORAS: 050
QTD DE DEPENDENTES: 2