

<p align="center">IFSP – Campus Cubatão</p> <p align="center">Curso Superior de Tecnologia em Análise e Desenvolvimento de Sistemas</p>	<p align="center">Valor: contará como 1 trabalho entregue</p>
<p>Trabalho Prático: 02 – Máscaras</p>	<p>Data: 30/08/2023</p>
<p>Nome: Pedro Henrique Silva da Veiga</p>	<p>Prontuário: CB3020801</p>
<p>Instruções:</p> <p>a) Entregar como tarefa – 2º TP – pelo Moodle; d) Data máxima de entrega: _____ b) Em dupla ou individual (se em dupla, apenas um deverá enviar);</p> <p>c) Tempo estimado da tarefa: 45 minutos</p>	

Alterar o TP 01 para:

- Utilizar COMPUTE;
- Efetuar posicionamentos na tela (ACCEPTs e DISPLAYs) para melhor aparência;
- Máscara em todos as instruções DISPLAY;
- Utilizar cores e efeitos de vídeo em todos os ACCEPTs e DISPLAYs;
- Entre a entrada de dados e a apresentação dos dados e cálculos, limpar a tela

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*****
* Author: Pedro Veiga
* Date: 17/09/2023
* Purpose: TP02 COBOL
* Tectonics: cobc
*****
*-----*
IDENTIFICATION DIVISION.
PROGRAM-ID. TP02.
*-----*
ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER. DESKTOP AMD.
OBJECT-COMPUTER. DESKTOP.
SPECIAL-NAMES.
    DECIMAL-POINT IS COMMA.
*-----*
DATA DIVISION.
WORKING-STORAGE SECTION.
*VARIAVEIS COM MASCARA

77 wspront PIC X(9).
77 wsmascqthr PIC ZZZ.
77 wsmascqtdep PIC ZZ.
77 wsmascvldep PIC ZZZ,99.
77 wsmascvlhr PIC ZZZ,99.

77 wsmascbto PIC ZZ.ZZZ,ZZ.
77 wsmascliq PIC ZZ.ZZZ,ZZ.
77 wsmascinss PIC ZZ.ZZZ,ZZ.
77 wsmascir PIC ZZ.ZZZ,ZZ.

01 nome.
    05 wsmascnm PIC A(20).
    05 wmascsobnm PIC A(30).

*VARIAVEIS PARA CALCULO

77 wsvlhr PIC 999V99 value zero.
77 wsqthr PIC 9(3).
77 wsqtdep PIC 99.
77 wsvldep PIC 999V99 value zero.
77 wstemp PIC 99999V99 value zero.

```

```

01 salario.
05 wsbto PIC 99999V99 value zero.
05 wslmq PIC 99999V99 value zero.
05 wsref PIC 99999V99 value zero.
05 wsins PIC 99999V99 value zero.
05 wsir PIC 99999V99 value zero.

```

SCREEN SECTION.

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01 limpatela.
05 blank screen.

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PROCEDURE DIVISION.

ENTRADA.

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DISPLAY "Digite seu nome: " no advancing.
ACCEPT wsmascnm at 0118 with prompt character is "_" with
required.
DISPLAY " ".
DISPLAY "Digite seu sobrenome: " no advancing.
ACCEPT wmascsobnm at 0223 with prompt character is "_" with
required.
DISPLAY " ".
DISPLAY "Digite seu prontuario: " no advancing.
ACCEPT wspront at 0324 with prompt character is "_" required.
DISPLAY " ".
DISPLAY "Digite o valor hora: R$" no advancing
ACCEPT wmascvlhr at 0424 with prompt character is "_" with
required.
DISPLAY " ".
DISPLAY "Digite qt de horas trabalhadas: " no advancing.
ACCEPT wmascqthr at 0533 with required.
DISPLAY " ".
DISPLAY "Digite a qt de dependentes: " no advancing.
ACCEPT wmasqtdep at 0629 with prompt character is "_" with
required.
DISPLAY " ".
DISPLAY "Digite o valor do dependente: R$" no advancing.
ACCEPT wmascvldep at 0733 with prompt character is "_" with
required.
DISPLAY " ".

MOVE wmascqthr TO wsqthr.
MOVE wmasqtdep to wsqtdep.
MOVE wmascvldep to wsvldep.
MOVE wmascvlhr to wsvlhr.

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CALCULOS.

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COMPUTE wsbto = wsvlhr * wsqthr.
COMPUTE wsins = wsbto * 0,14.
COMPUTE wsir = wsbto * 0,275.
COMPUTE wsref = wsbto - wsins.
COMPUTE wslmq = wsref - wsir.
COMPUTE wstemp = wsvldep * wsqtdep.
COMPUTE wslmq = wslmq + wstemp.

MOVE wsqthr to wmascqthr.
MOVE wsqtdep to wmasqtdep.
MOVE wsvldep to wmascvldep.
MOVE wsvlhr to wmascvlhr.

MOVE wsbto to wmascbto.
MOVE wslmq to wmascliq.

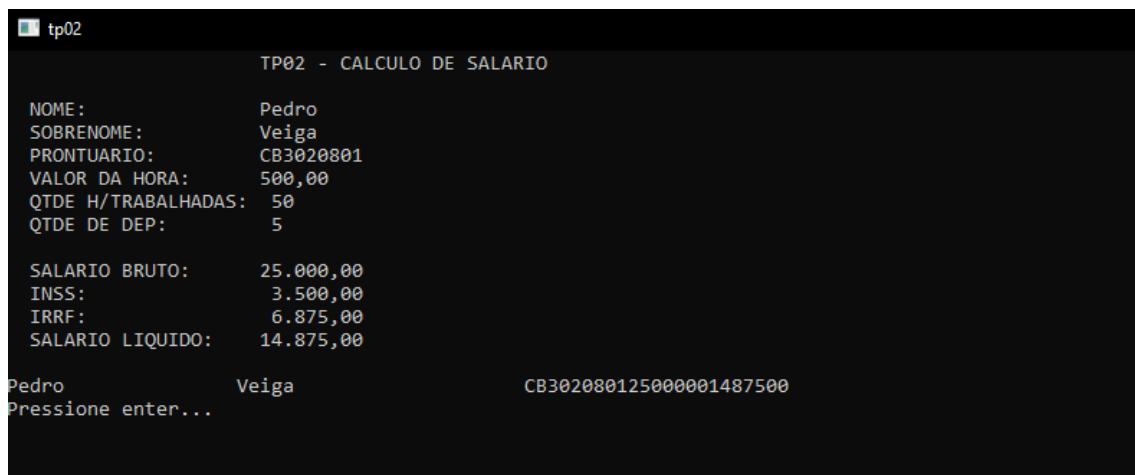
```

```
MOVE wsinss to wsmascinss.  
MOVE wsir to wsmascir.
```

```
DISPLAY limpatela.
```

SAIDA.

```
DISPLAY "TP02 - CALCULO DE SALARIO" at 0123.  
DISPLAY "NOME: " at 0303 wsmascnm at 0323.  
DISPLAY "SOBRENOME: " at 0403 wmascsobnm at 0423.  
DISPLAY "PRONTUARIO: " at 0503 wspront at 0523.  
DISPLAY "VALOR DA HORA: " at 0603 wsmascvlhr at 0623.  
DISPLAY "QTDE H/TRABALHADAS: " at 0703 wsmascqthr at 0723.  
DISPLAY "QTDE DE DEP: " at 0803 wsmascqtdep at 0823.  
DISPLAY " ".  
DISPLAY "SALARIO BRUTO: " at 1003 wmascbto at 1023.  
DISPLAY "INSS: " at 1103 wsmascinss at 1123.  
DISPLAY "IRRF: " at 1203 wsmascir at 1223.  
DISPLAY "SALARIO LIQUIDO: " at 1303 wmascliq at 1323.  
DISPLAY " ".  
DISPLAY wsmascnm at 1501.  
DISPLAY wmascsobnm at 1521.  
DISPLAY wspront at 1546.  
DISPLAY wsbto at 1555.  
DISPLAY wsliq at 1562.  
DISPLAY " ".  
STOP "Pressione enter...".  
STOP RUN.
```



```
tp02  
TP02 - CALCULO DE SALARIO  
NOME: Pedro  
SOBRENOME: Veiga  
PRONTUARIO: CB3020801  
VALOR DA HORA: 500,00  
QTDE H/TRABALHADAS: 50  
QTDE DE DEP: 5  
  
SALARIO BRUTO: 25.000,00  
INSS: 3.500,00  
IRRF: 6.875,00  
SALARIO LIQUIDO: 14.875,00  
  
Pedro Veiga CB302080125000001487500  
Pressione enter...
```