

Algoritmos e Lógica de Programação

Prof. Me. Leonardo Raiz

Seção teste de mesa, no qual o propósito é preencher o comportamento das variáveis da tela do computador.

<p>X := 5 Y := 0 ENQUANTO (X > 2) FACA ESCREVA(X) Y := Y + X X := X - 1 FIMENQUANTO</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> X Y </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto;"></div> <p style="text-align: center;">TELA</p>	<p>X := 2 Y := 0 ENQUANTO (X < 60) FACA ESCREVA(X) X := X * 2 Y := X X := Y + 10 FIMENQUANTO</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> X Y </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto;"></div> <p style="text-align: center;">TELA</p>	<p>X := 100 Y := 100 ENQUANTO (X <> Y) FACA ESCREVA("olha") X := RaizQ(Y) FIMENQUANTO</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> X Y </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto;"></div> <p style="text-align: center;">TELA</p>
<p>X := 0 ENQUANTO (X < 2) FACA Y := X * 3 ESCREVA(Y) X := X + 1 FIMENQUANTO</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> X Y </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto;"></div> <p style="text-align: center;">TELA</p>	<p>X := 2 Y := 10 ENQUANTO (X < Y) FACA ESCREVA(X, "-", Y) X := X * 2 Y := Y + 1 FIMENQUANTO</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> X Y </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto;"></div> <p style="text-align: center;">TELA</p>	<p>X := 4 Y := 0 I := 0 ENQUANTO (I < X) FACA I := I + 1 Y := Y + I ESCREVA(I) ESCREVA(y) FIMENQUANTO</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 40px; height: 40px; margin-bottom: 5px;"></div> </div> <div style="display: flex; justify-content: space-around; margin-bottom: 5px;"> X Y I </div> <div style="border: 1px solid black; width: 200px; height: 100px; margin: 10px auto;"></div> <p style="text-align: center;">TELA</p>