|  |  |  |
| --- | --- | --- |
| **Toevoer-veranderlikes** | **Verwerking** | **Afvoer-veranderlikes** |
| iAdults, iChildren  rPrice\_A, rPrice\_C  rTot\_A, rTot\_C, rTot | rTotA🡨 iAdults \* rPrys;  rTotC🡨 iChildren \* rPrys;  rTot🡨 rTotA + rTotC;  pnlAfvoer.Caption🡨 IntToStr(iAdults + ‘@ ‘ + FloatToStrF(rPriceA,ffCurrency,10,2)) + ‘per Adult’;  pnlAfvoer.Caption🡨 IntToStr(iChildren + ‘@ ‘ + FloatToStrF(rPriceC,ffCurrency,10,2)) + ’per Child’;  pnlAfvoer.Caption🡨 sNaam + ' you need to pay ' + FloatToStrF(rTot,ffCurrency,10,2); | rTot\_A, rTot\_C, rTot |
| **Toevoer-komponente** |  | **Afvoer-komponente** |
| ledAdults, ledChildren  ledAdult\_P,  ledChildren\_P |  | pnlAfvoer |

TVA-Tabel (*IPO-Table*)

|  |  |  |
| --- | --- | --- |
| **Toevoer-veranderlikes** | **Verwerking** | **Afvoer-veranderlikes** |
| iAdults, iChildren  rPrice\_A, rPrice\_C  rTot\_A, rTot\_C, rTot | rTotA🡨 iAdults \* rPrys;  rTotC🡨 iChildren \* rPrys;  rTot🡨 rTotA + rTotC;  pnlAfvoer.Caption🡨 IntToStr(iAdults + ‘@ ‘ + FloatToStrF(rPriceA,ffCurrency,10,2)) + ‘per Adult’;  pnlAfvoer.Caption🡨 IntToStr(iChildren + ‘@ ‘ + FloatToStrF(rPriceC,ffCurrency,10,2)) + ’per Child’;  pnlAfvoer.Caption🡨 sNaam + ' you need to pay ' + FloatToStrF(rTot,ffCurrency,10,2); | rTot\_A, rTot\_C, rTot |
| **Toevoer-komponente** |  | **Afvoer-komponente** |
| ledAdults, ledChildren  ledAdult\_P,  ledChildren\_P |  | pnlAfvoer |

**Toe-Chart**

|  |  |  |
| --- | --- | --- |
| **Task** | **Object** | **Event** |
| 1. Get number of children 2. Get number of adults 3. Calculate price for children 4. Calculate price for adults 5. Calculate total price 6. Display total price | btnCalculate | onClick |