Program Code

Private Sub Run\_Click()

Dim age As Single

Dim DOB As Integer

Dim charge As Integer

Dim tax As Single

Dim total As Single

Print Tab(2); "RCI ENTERTAINMENT LTD."

Print Tab(2); "569 Jane St.-Toronto ON"

Print Tab(2); "www.runnymedecollegiate.com"

DOB = InputBox("Which year were you born on?")

age = 2014 - DOB

If age <= 12 Then

charge = 0

tax = charge \* 0.13

total = charge + tax

Print Tab(5); "Age: "; Tab(20); age

Print Tab(5); "Child Price: "; Tab(20); charge

Print Tab(5); "Taxes: "; Tab(20); tax

Print Tab(5); "Amount Due: "; Tab(20); total

ElseIf age >= 12 And age <= 18 Then

charge = 5

tax = charge \* 0.13

total = charge + tax

Print Tab(5); "Age: "; Tab(20); age

Print Tab(5); "Youth Price: "; Tab(20); charge

Print Tab(5); "Taxes: "; Tab(20); tax

Print Tab(5); "Amount Due: "; Tab(20); total

ElseIf age >= 17 And age <= 65 Then

charge = 15

tax = charge \* 0.13

total = charge + tax

Print Tab(5); "Age: "; Tab(20); age

Print Tab(5); "Adult Price: "; Tab(20); charge

Print Tab(5); "Taxes: "; Tab(20); tax

Print Tab(5); "Amount Due: "; Tab(20); total

ElseIf age >= 64 Then

charge = 0

tax = charge \* 0.13

total = charge + tax

Print Tab(5); "Age: "; Tab(20); age

Print Tab(5); "Senior Pricw Price: "; Tab(20); charge

Print Tab(5); "Taxes: "; Tab(20); tax

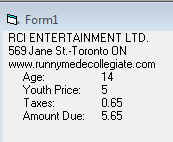
Print Tab(5); "Amount Due: "; Tab(20); total

Else

End If

End Sub

Output or Run for every Situation



Simulation for every Situation

|  |  |  |  |
| --- | --- | --- | --- |
| Age | Ticket Price | Taxes | Amount Due |
| 0-12 | $0 | $0 | $0 |
| 13-17 | $5 | $0.65 | $5.65 |
| 18-59 | $15 | $1.95 | $16.95 |
| 65+ | $0 | $0 | $0 |

Program Flowchart

RCI ENTERTAINMENT LTD.

569 Jane St. - Toronto ON

www.runnymedecollegiate.com

Start

Which year were you born?

2014-yearofbirth=age

Is age >12 and age<18?

Is age<13?

Yes

No

No

Age: age

Child Price: $0.00

Taxes: $0.00

Amount Due: $0.00

Yes

Age: age

Youth Price: $5.00

Taxes: $0.65

Amount Due: $5.65

Yes

No

Age: age

Senior Price: $0.00

Taxes: $0.00

Amount Due: $0.00

Age: age

Adult Price: $15.00

Taxes: $1.95

Amount Due: $16.95

End

Is age >17 and age<65?