Assume that you've been asked to write an application that functions as a currency converter. Users must provide a number in dollars in the textbox dollarsTextbox and a currency name (Euros, Pounds and Rupees) in the textbox convertCurrencyTextbox. Clicking the convert button will display the dollars converted to the specified currency in the label resultLabel. Use the following exchange rates: 1 dollar = 0.74 Euros, 1 dollar = 1.12 Pounds, 1 dollar = 67.91 Rupees. Please note that if the user enters a currency value other than Euros, Pounds and Rupees an error message should be displayed.

* Develop an algorithm written in pseudocode that can be used to describe the programming logic for the click event on the convert button.

Convert Button

Get dollars

Get currencyType

if currencyType == “Euros”

conversion = dollars \* .74

display conversion in resultLabel

else if currencyType == “Pounds”

conversion = dollars \* 1.12

display conversion in resultLabel

else if currencyType == “Rupees”

conversion = dollar \* 67.91

display conversion in resultLabel

else

display error message “Invalid input”

end if

End