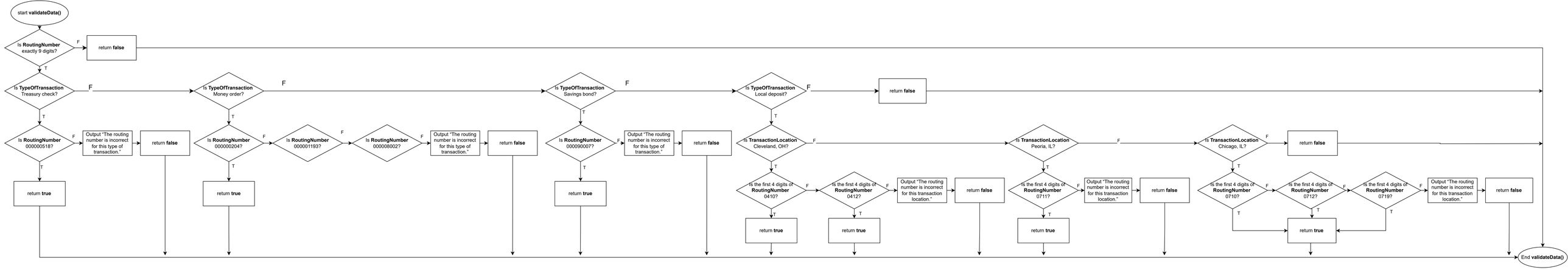
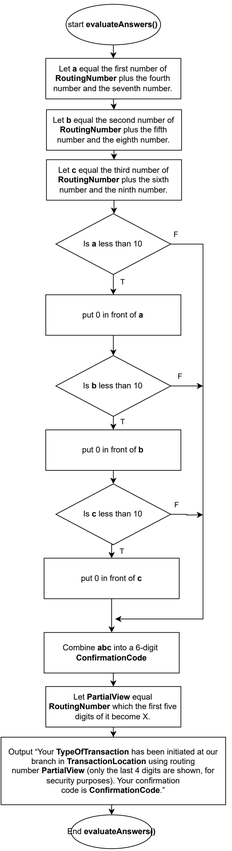

start **validateData()**
Is **RoutingNumber** exactly 9 digits?
return **false**
Is **TypeOfTransaction** Treasury check?
Is **RoutingNumber** 000000518?
Output "The routing number is incorrect for this type of transaction."
return **false**
return **true**
Is **TypeOfTransaction** Money order?
Is **RoutingNumber** 000000204?
Is **RoutingNumber** 000001193?
Is **RoutingNumber** 000008002?
Output "The routing number is incorrect for this type of transaction."
return **false**
return **true**
Is **TypeOfTransaction** Savings bond?
Is **RoutingNumber** 000090007?
Output "The routing number is incorrect for this type of transaction."
return **false**
return **true**
Is **TypeOfTransaction** Local deposit?
return **false**
Is **TransactionLocation** Cleveland, OH?
Is the first 4 digits of **RoutingNumber** 0410?
Is the first 4 digits of **RoutingNumber** 0412?
Output "The routing number is incorrect for this transaction location."
return **false**
return **true**
return **true**
Is **TransactionLocation** Peoria, IL?
Is the first 4 digits of **RoutingNumber** 0711?
Output "The routing number is incorrect for this transaction location."
return **false**
return **true**
Is **TransactionLocation** Chicago, IL?
Is the first 4 digits of **RoutingNumber** 0710?
Is the first 4 digits of **RoutingNumber** 0712?
Is the first 4 digits of **RoutingNumber** 0719?
Output "The routing number is incorrect for this transaction location."
return **false**
return **false**
return **true**
End **validateData()**


start **evaluateAnswers()**
Let **a** equal the first number of **RoutingNumber** plus the fourth number and the seventh number.
Let **b** equal the second number of **RoutingNumber** plus the fifth number and the eighth number.
Let **c** equal the third number of **RoutingNumber** plus the sixth number and the ninth number.
Is **a** less than 10
put 0 in front of **a**
Is **b** less than 10
put 0 in front of **b**
Is **c** less than 10
put 0 in front of **c**
Combine **abc** into a 6-digit **ConfirmationCode**
Let **PartialView** equal **RoutingNumber** which the first five digits of it become X.
Output "Your **TypeOfTransaction** has been initiated at our branch in **TransactionLocation** using routing number **PartialView** (only the last 4 digits are shown, for security purposes). Your confirmation code is **ConfirmationCode**."
End **evaluateAnswers()**