**ALGORITHM FOR SIMPLE ATM TRANSACTION:-**

**STARTING THE PROGRAM:-**

1.Start

**DECLARING THE VARIABLES:-**

2.Declare (Name,account number,amount to withdraw,balance,pin)

**CONSIDERING THE OUTPUT AND INPUT:-**

3.Output(name,account number,amount to withdraw,balance,pin)

4.Input(name,account number,amount to withdraw,balance,pin)

**MAKING THE CONDITIONAL STATEMENTS:-**

5.If balance>500

then:amount can be withdrawn

Output(Enter the pin)

Input(pin)

else if amount cannot be withdrawn

**ENDING THE PROGRAM:-**

6.End

**ALGORITHM FOR COMPLEX ATM TRANSACTION:-**

**STARTING THE PROGRAM**

1.Start

**DECLARING THE VARIABLES**

2.Declare (Name,account number,amount to withdraw,balance,pin)

**CONSIDERING THE OUTPUT AND INPUT**

3.Output(name,account number,amount to withdraw,balance,pin)

4.Input(name,account number,amount to withdraw,balance,pin)

**MAKING THE CONDITIONAL STATEMENTS**

5.if pin==2181

Then: proceed to the next steps

Else if: stop

Output (choose from option 1 2 3 4)

Input(option1 2 3 4 )

**CONSIDERING THE FIRST OPTION:-**

If opt==1

Then:Output(Enter Balance)

Input (Balance)

Else if: stop

Else if opt==2

**CONSIDERING THE SECOND OPTION:-**

If opt==2

Then:output(“Enter the amount to be withdrawed”)

Input(amount to withdraw)

**MAKING THE CONDITIONAL STATEMENT:-**

If balance>500

then:amount can be withdrawn

Output(Enter the pin)

Input(pin)

else if: amount cannot be withdrawn

**CONSIDERING THE THIRD OPTION:-**

else opt==3

if opt==3

then: output(current pin)

input current pin

if pin==2181

then output new pin

input new pin

else if : incorrect pin

**CONSIDERING THE FOURTH OPTION:-**

else opt==4

if opt==4

then output balance

else if : no balance

End