**ALGORITHM FOR ATM WITHDRAWL**

1. Start
2. Create variables with suitable datatypes

* Account number – integer
* Name – String
* Bank Name and branch – string
* IFSC code - string
* Balance – integer
* Pin – integer
* Withdrawal amount – integer

1. The minimum balance must be Rs 500/-.
2. If the minimum balance is more than 500, the user can proceed the transaction, if not he cannot proceed the transaction.
3. The secret pin is “0000”, if the pin entered by the user is correct he/she can proceed the transaction, if the secret pin is wrong he/she cannot proceed the transaction, and must start over.
4. The user must enter the amount he wishes to withdrawal.
5. If the withdrawal amount exceeds the minimum balance of the account holder, he/she cannot proceed the transaction, if not the user can proceed the transaction.
6. Also, if the withdrawal amount is greater than the daily limit, say Rs 15000, he/she cannot proceed.
7. After withdrawal, if the minimum balance is not more than 500, and if the account holder fails to pay the money at the end of the month, he might pay penalty.