# STORE CHECKOUT FLOWCHART

```
                    ( Start )
                       |
                       v
         /Output "Enter total cost of/
         /        items"           /
                       |
                       v
         / Input TotalCost /
                       |
                       v
         /Output "Enter payment method/
         /      (Cash/Card)"       /
                       |
                       v
         / Input PaymentMethod /<---------------------------------+
                       |                                          |
                       v                                          | Fail
                  < Cash/Card? >---Card--->/Output "Processing card/    < ProcessSuccessful? >---Success--->/Output "Enter your card pin: "/<---Input CardPin<
                       |                   /   payment..."       /                                                          |              |
                      Cash                                                                                                  |              v
                       |                                                                                    +---Incorrect---< Correct CardPin? >
                       v                                                                                    |
         /Output "Enter cash given by/                                                                      |
         /        customer"         /                                                                       |
                       |                                                                                     |
                       v                                                                                     |
         / Input CashGiven /---->< CashGiven >= TotalCost? >---False--->/Output "Not enough cash"/           |
                                        |                                                                     |
                                      True                                                                    |
                                        |                                                                     |
                                        v                                                                     |
                              [ Change = CashGiven - TotalCost ]                                              |
                                        |                                                                     |
                                        v                                                                     |
                       /Output "Change is: ", Change/------------------------>[ Output "Transaction Complete" ]
                                                                                            |
                                                                                            v
                                                                                         ( End )
```

Start

Output "Enter total cost of items"

Input TotalCost

Output "Enter payment method (Cash/Card)"

Input PaymentMethod

Cash/Card?
- Card → Output "Processing card payment..." → ProcessSuccessful?
  - Fail → Input PaymentMethod
  - Success → Output "Enter your card pin: " → Input CardPin → Correct CardPin?
    - Incorrect → Output "Enter your card pin: "
    - (Correct) → Output "Transaction Complete"
- Cash → Output "Enter cash given by customer" → Input CashGiven → CashGiven >= TotalCost?
  - False → Output "Not enough cash"
  - True → Change = CashGiven - TotalCost → Output "Change is: ", Change → Output "Transaction Complete"

Output "Transaction Complete" → End