ATM (FOR CASH WITHDRAWAL ONLY)

Step 1: Start

Step 2: Declare cash, pin, accn of integer data type (the accn stands for account number)

Step 3: Declare String name

Step 4: Output the message “WELCOME TO ATM”

Step 5: Output the command as “Enter the name”

Step 6: Input name

Step 7: Output the next command as “Enter the account number”

Step 8: Input account number

Step 9: Declare bank balance as bb of real type

Step 10: You can assign any amount to the bank balance

Step 11: Assign a pin as you wish

Step 12: Output the next command to enter the amount to withdraw

Step 13: Input cash

Step 14: Declare remaining balance as rb of real data type

Step 15: Assign rb = bb - cash

Step 16: Make an if statement such that the user is not withdrawing an amount which makes his remaining balance less than the minimum balance required in the bank

Step 17: If the remaining balance is less than 1000, then output as the account has no minimum balance and a warning as the bank charges a penalty for not maintaining minimum balance and EXIT

Step 18: If the remaining balance is greater than 1000, then direct the user into the next command

Step 19: Declare another if statement such that the ATM consists only 500 notes so the user can withdraw only in multiples of 500 such as 1000, 1500 so on

Step 20: If the user enters a number which is not a multiple of 500 then the output is “you can withdraw only in multiples of 500 such as 1000, 1500, so on”

Step 21: Output the bank balance to ensure the user that no money is debited from the account and exit

Step 22: If the user enters a number which is a multiple of 500 then direct the user to the pin entering command

Step 23: Output the next command as enter the pin

Step 24: Input pin

Step 25: Declare an if statement such that to check whether the entered pin is correct or not

Step 26: If the entered pin is false then the output is “The entered pin is incorrect” and exit

Step 27: If the entered pin is true then the output is “your transaction is in process”

Step 28: Output ”Please collect cash”

Step 29: Output the remaining bank balance so the user gets info about the amount left in the account

Step 30: Output “thank you….”

Step 31: Stop