**Code:**

import re  
  
  
def continue\_or\_not():  
 answer = input("Do you want to perform another task: (y/n): ")  
 return answer.lower()  
   
  
def check\_pin(pin):  
 i = 1  
 user\_pin = input("Hello!\nPlease enter your 4-digit PIN: ")  
 while i < 3:  
 if user\_pin == pin:  
 break  
 elif not re.match("[0-9][0-9][0-9][0-9]", user\_pin) or (user\_pin != pin):  
 user\_pin = input("Your input is invalid/incorrect.\n"  
 "Please try again: ")  
 if i == 3:  
 quit("Sorry... Your PIN is incorrect")  
 else:  
 i = i + 1  
 continue  
 quit("Sorry... Your PIN is incorrect")  
  
  
def display\_menu():  
 number = input(f'Choose a task to perform from below:\n'  
 f"1, Display the balance\n"  
 f'2, Make a withdrawal\n'  
 f'3, Make a deposit\n'  
 f'4, Done with transactions\n'  
 f'----------------------------------------------\n'  
 f'Enter a number: ')  
 return number  
  
  
def balance\_display():  
 global balance  
 print(f"Your balance is: ${balance:.2f}.")  
  
  
def withdraw():  
 global balance  
 i = 0  
 withdrawal = (input(f"Please select a money amount($) you want to withdraw:\n"  
 f"20\t40\t60\t80\t100\tCUSTOM\n"  
 f""))  
 while i < 1:  
 match withdrawal.strip().lower():  
 case ("20"):  
 if balance < float(20):  
 print("You don't have enough money to withdraw.\n")  
 withdrawal = input(f"Please select a money amount($) you want to withdraw:\n"  
 f"20\t40\t60\t80\t100\tcustom\n"  
 f"")  
 continue  
 else:  
 balance = balance - float(20)  
 print(f"Your current balance is: ${balance:.2f}")  
 break  
 case ("40"):  
 if balance < float(40):  
 print("You don't have enough money to withdraw.\n")  
 withdrawal = input(f"Please select a money amount($) you want to withdraw:\n"  
 f"20\t40\t60\t80\t100\tcustom\n"  
 f"")  
 continue  
 else:  
 balance = balance - float(40)  
 print(f"Your current balance is: ${balance:.2f}")  
 break  
 case ("60"):  
 if balance < float(60):  
 print("You don't have enough money to withdraw.\n")  
 withdrawal = input(f"Please select a money amount($) you want to withdraw:\n"  
 f"20\t40\t60\t80\t100\tcustom\n"  
 f"")  
 continue  
 else:  
 balance = balance - float(60)  
 print(f"Your current balance is: ${balance:.2f}")  
 break  
 case ("80"):  
 if balance < float(80):  
 print("You don't have enough money to withdraw.\n")  
 withdrawal = input(f"Please select a money amount($) you want to withdraw:\n"  
 f"20\t40\t60\t80\t100\tcustom\n"  
 f"")  
 continue  
 else:  
 balance = balance - float(80)  
 print(f"Your current balance is: ${balance:.2f}")  
 break  
 case ("100"):  
 if balance < float(100):  
 print("You don't have enough money to withdraw.")  
 withdrawal = input(f"Please select a money amount($) you want to withdraw:\n"  
 f"20\t40\t60\t80\t100\tcustom\n"  
 f"")  
 continue  
 else:  
 balance = balance - float(100)  
 print(f"Your current balance is: ${balance:.2f}")  
 break  
 case ("custom"):  
 wd = input("Please input any dollar amount($) you want to withdraw: ")  
 while wd is not None:  
 if balance < float(wd):  
 print("You don't have enough money to withdraw.\n ")  
 wd = input("Please input any dollar amount($) you want to withdraw: ")  
 continue  
 elif balance >= float(wd):  
 balance = balance - float(wd)  
 print(f"Your current balance is: ${balance:.2f}")  
 wd = None  
 continue  
 else:  
 print("Your input is invalid...\n ")  
 wd = input("Please input any dollar amount($) you want to withdraw: ")  
 continue  
 break  
 case \_:  
 print("\nYour input is invalid/incorrect... ")  
 withdrawal = input(f"Please select a money amount($) you want to withdraw:\n"  
 f"20\t40\t60\t80\t100\tcustom\n"  
 f"")  
 continue  
  
  
def deposit():  
 global balance  
 amount = float(input("How much do you want to deposit: \n$"))  
 balance = balance + amount  
 print(f"Your new balance is : ${balance:.2f}")  
  
  
# main function:  
PIN = '1223' #set a random PIN  
balance = float(1488) #hard code a random balance  
k = 1  
check\_pin(PIN)  
while k:  
 match (display\_menu()):  
 case ("1"):  
 balance\_display()  
 if continue\_or\_not().strip().lower() == 'y':  
 continue  
 else:  
 quit("Goodbye~~~~")  
 case ("2"):  
 withdraw()  
 if continue\_or\_not().strip().lower() == 'y':  
 continue  
 else:  
 quit("Goodbye~~~~")  
 case ("3"):  
 deposit()  
 if continue\_or\_not().strip().lower() == 'y':  
 continue  
 else:  
 quit("Goodbye~~~~")  
 case ("4"):  
 quit("Goodbye~~~~")

**Output:**

**Text

Description automatically generated**

**Text

Description automatically generated**