SAMPLE ATM SYSTEM IN PYTHON WITH SOURCE CODE:

```python
In [2]: import time

print("Please insert Your CARD")

time.sleep(5)

password = 1012

pin = int(input("enter your atm pin "))

balance = 10000

if pin == password:
    while True:


        print("""
                        1 == balance
                        2 == withdraw balance
                        3 == deposit balance
                        4 == exit
                        """
            )

        try:
            option = int(input("Please enter your choise "))
        except:
            print("Please enter valid option")

        if option == 1:
            print(f"Your current balance is {balance}")
```

```python
        if option == 2:

            withdraw_amount = int(input("please enter withdraw_amount "
))


            balance = balance - withdraw_amount

            print(f"{withdraw_amount} is debited from your account")


            print(f"your updated balance is {balance}")


        if option == 3:

            deposit_amount = int(input("please enter deposit_amount"))

            balance = balance + deposit_amount


            print(f"{deposit_amount} is credited to your account")


            print(f"your updated balance is {balance}")


        if option == 4:

            break
```

```
else:
    print("wrong pin Please try again")
```

```
Please insert Your CARD
enter your atm pin 1012

                              1 == balance
                              2 == withdraw balance
                              3 == deposit balance
                              4 == exit

Please enter your choise 1
Your current balance is 10000

                              1 == balance
                              2 == withdraw balance
                              3 == deposit balance
                              4 == exit

Please enter your choise 2
please enter withdraw_amount 797
797 is debited from your account
your updated balance is 9203

                              1 == balance
                              2 == withdraw balance
                              3 == deposit balance
                              4 == exit

Please enter your choise 1
Your current balance is 9203

                              1 == balance
                              2 == withdraw balance
                              3 == deposit balance
                              4 == exit

Please enter your choise 3
please enter deposit_amount842
842 is credited to your account
```

```
                        your updated balance is 10045


                                        1 == balance
                                        2 == withdraw balance
                                        3 == deposit balance
                                        4 == exit


            Please enter your choise 4
```

In [ ]: