**MATCH CASE IN PYTHON**

**Code:**

def printValue(val1):  
 match val1:  
 case 5 :  
 print("Distinction")  
 case 4:  
 print("First Class")  
 case 3| 2:  
 print("Between Average and Above Average")  
 case 2:  
 print("Below Average")  
 case 1:  
 print("Poor")  
 case \_:  
 print("Unfit")  
  
loop = True  
while (loop==True):  
 ipVal = int(input("Enter a numeric value below 5 : "))  
 if(ipVal<5):  
 printValue(ipVal)  
 else:  
 print("please enter a valid Total : ")  
 lp = input("Please enter Y / N to Continue : ")  
 if ((lp == 'Y') or (lp == 'y')):  
 loop = True  
 else:  
 loop = False

**Output:**

Enter a numeric value below 5 : 4

First Class

Please enter Y / N to Continue : y

Enter a numeric value below 5 : 2

Between Average and Above Average

Please enter Y / N to Continue : y

Enter a numeric value below 5 : 1

Poor

Please enter Y / N to Continue : y

Enter a numeric value below 5 : 7

please enter a valid Total :

Please enter Y / N to Continue : n

**Code:**

class BankingTrxs:  
 BalanceCheck = 1  
 CashDeposit = 2  
 ChequeDeposit=3  
 CashWithdraw = 4  
 OtherTrxns=5  
  
def opBal():  
 opBal = 150000.75  
 return opBal  
  
loop = True  
while (loop==True):  
 bankOption = int(input("Enter the Options between 1-5 for the Trxns : "))  
 opBalance = 0  
  
 if (opBalance == 0):  
 opBalance = opBal()  
 else:  
 opBalance = totalAmt  
  
 match bankOption:  
 case BankingTrxs.BalanceCheck:  
 print("The Opening Balance : ",opBalance)  
  
 case BankingTrxs.CashDeposit:  
 depAmt = float(input("Please enter the Deposit Amount (Cash) : "))  
 totalAmt = opBalance + depAmt  
 print("Cash Deposited !!!! Total Balance (After Cash Deposit): ",totalAmt)  
 opBalance = totalAmt  
  
 case BankingTrxs.ChequeDeposit:  
 chqAmt = float(input("Please enter the Deposit Amount (Cheque) : "))  
 totalAmt = opBalance + chqAmt  
 print("Cheque Deposited !!!! Total Balance (After Cheque Deposit) : ",totalAmt)  
 opBalance = totalAmt  
  
 case BankingTrxs.CashWithdraw:  
 wthAmt = float(input("Please enter the Amount to Withdraw : "))  
 totalAmt = opBalance - wthAmt  
 print("Cheque Withdrawn !!!! Total Balance : ", wthAmt)  
 print("Total Balance (After Withdraw)", totalAmt)  
 opBalance = totalAmt  
  
 case BankingTrxs.OtherTrxns:  
 print("Plesae Raise a request in the Reception | Bank Website !!!")  
  
 case \_:  
 print("Invalid Trxn")  
  
 lp = input("Please enter Y / N to Continue : ")  
 if ((lp == 'Y') or (lp == 'y')):  
 loop = True  
 else:  
 loop = False

**Output:**

Enter the Options between 1-5 for the Trxns : 1

The Opening Balance : 150000.75

Please enter Y / N to Continue : y

Enter the Options between 1-5 for the Trxns : 2

Please enter the Deposit Amount (Cash) : 75125.75

Cash Deposited !!!! Total Balance (After Cash Deposit): 225126.5

Please enter Y / N to Continue : y

Enter the Options between 1-5 for the Trxns : 3

Please enter the Deposit Amount (Cheque) : 127521.15

Cheque Deposited !!!! Total Balance (After Cheque Deposit) : 277521.9

Please enter Y / N to Continue : y

Enter the Options between 1-5 for the Trxns : 4

Please enter the Amount to Withdraw : 50000.25

Cheque Withdrawn !!!! Total Balance : 50000.25

Total Balance (After Withdraw)

Please enter Y / N to Continue : 7