10/9/20 Task: 7 Utilizing 'Functions' concepts in python
porogramming a, Banking tolansaction System Aim: To develope a parogram that simulate a banking bransaction system using functions to deposit money, withdraw money (with halana validation) and check Courent balance. Algorithm: 1. Start the program 2 Initialize a variable balance=0. 3. Define function deposit (comount) to add money 4. Define Aunction withdrew (amount) do subforad money from boulance (if sufficient sureds). 8 Define function check - halance () to display the Coverent balance 6. In main peragreum:

call deposit function call withdraw Lunction call balance check Lundia 7 glop the program. Psignam: balance = 3 def deposit (amount): global balance bulance += amount Parint 6+" ₹ Camanty deposited successfully") del withdraw camount): global balonce is amount L = bollon Ce: bolance == amount withdenown success fully")

also print (" > Camount y withdenown success fully") Print ("insudicient balance!")

71000 deposited subsessfully output: 7000 withdown Duccersfully avvent Balance: 7 000 Insufficient, balance! avvient Balance: 2500

def chech-balance()!

global blance

printf (f" avvient Balance: & (balance)")

deposit (1000)

wikiderau (500)

check_balance()

withderau (700)

check_balance()

Result:
Thus, the python pergram for the Banking Teransaction system was successfully executed wing Junction

b. Student Repult colculator Aim' functions to calculate the total, average and grader of a situdent haved on manks in there subjects Algorithm: 1. Slayl the program 2 Accept marks for 3 subjects 3 Desine a function coloulate _ result (m), M2, M3)to - compute total = m1+m2+m3 · compute average= dotal/3 - Assign grade based on average · A -> AV9 = 75, · B -> 60 LAV9 275 · C 950 4 Avg 260 · Fail -> Avg 250 4 Deline Lundion dissplay (total, pros, grado) to stan results 5 eall the functions and display results 6.9.top the priogram b grogeram: del calabate_ grenults (m1 , m2, m3). tatal = m1+ m2+m3 Avg = fortal /3 if Aug >= 75!
grande = "A" dil w/vg >= 60: grade = "B" elif Avg> =50: grade = " Fail"

Sample output. Total marks: 210 Average marks: 70.2 Orgrade: B

oretion total, Avg, grade det display (talal) and, grade) parint ("Total massks!", datal) point ("Average Marks:", aug) parint comade: , grade m1=80 m2 = 70 m9=60 fortal, avg, grade = calculate = 910 ml (m, m2, m3) display e total, aug, genade). VEL TECH CSE EX NO PERFORMANCE (5) RESULT AND ANALYSIS (5) VIVA VOCE (5) RECORD (5) TAL 120) WITH DATE perogeram for the pymon Thus , the Calculator was successfully Result a dudent functions. excepted Jus'ing