

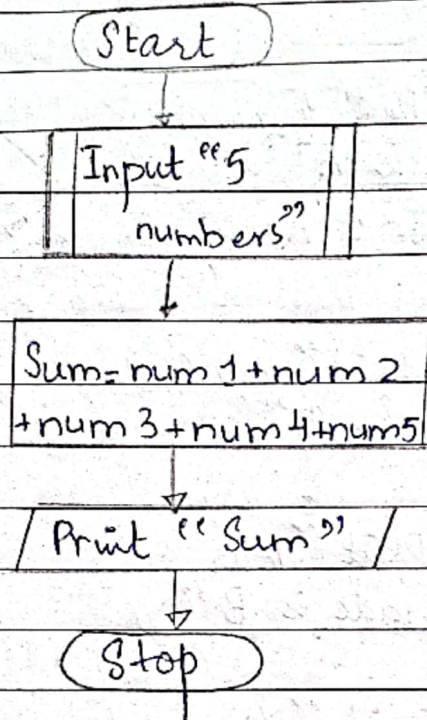
FARIHA NASIR

Date _____

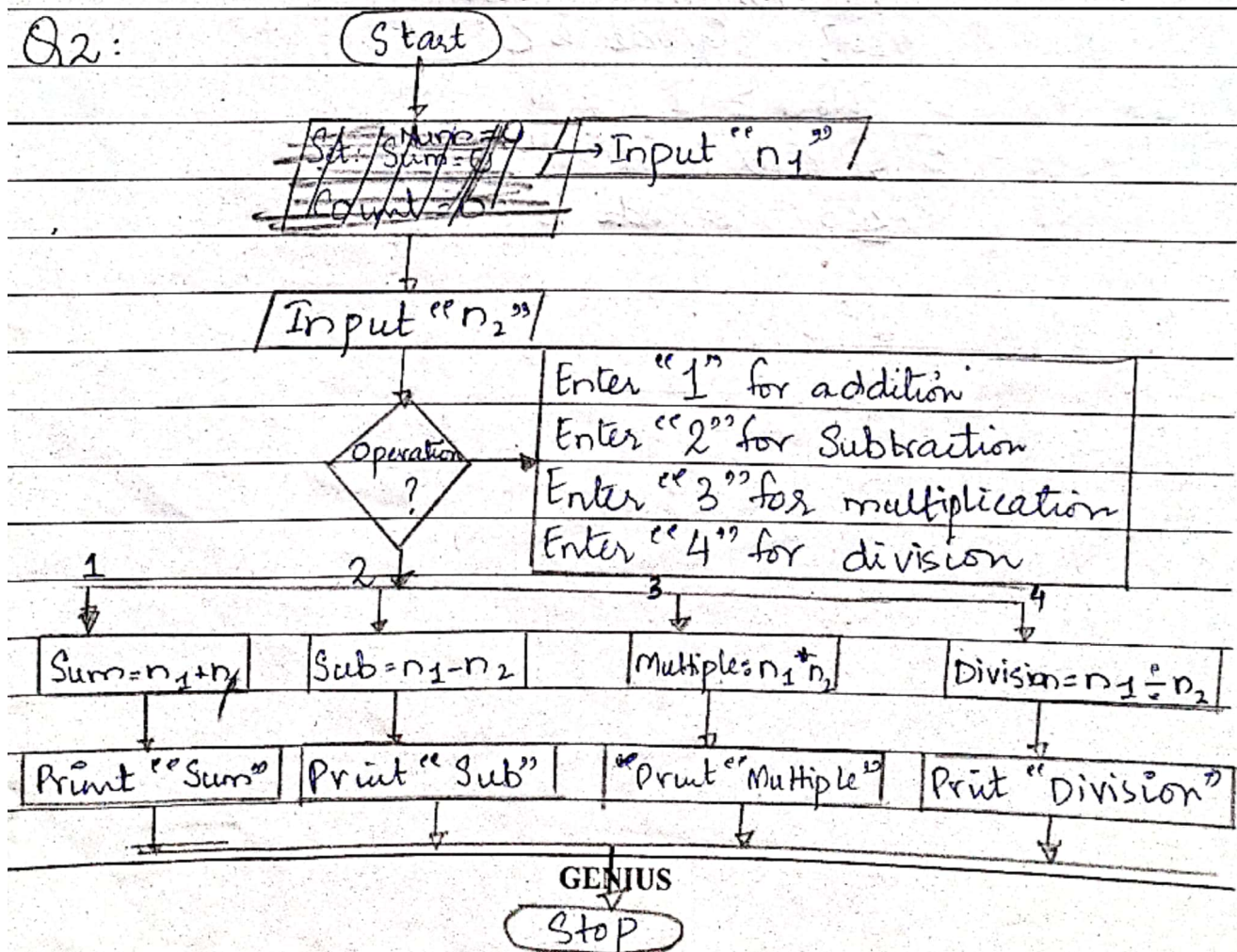
24K-3058
PF ASSIGNMENT 02

FLOW CHART:-

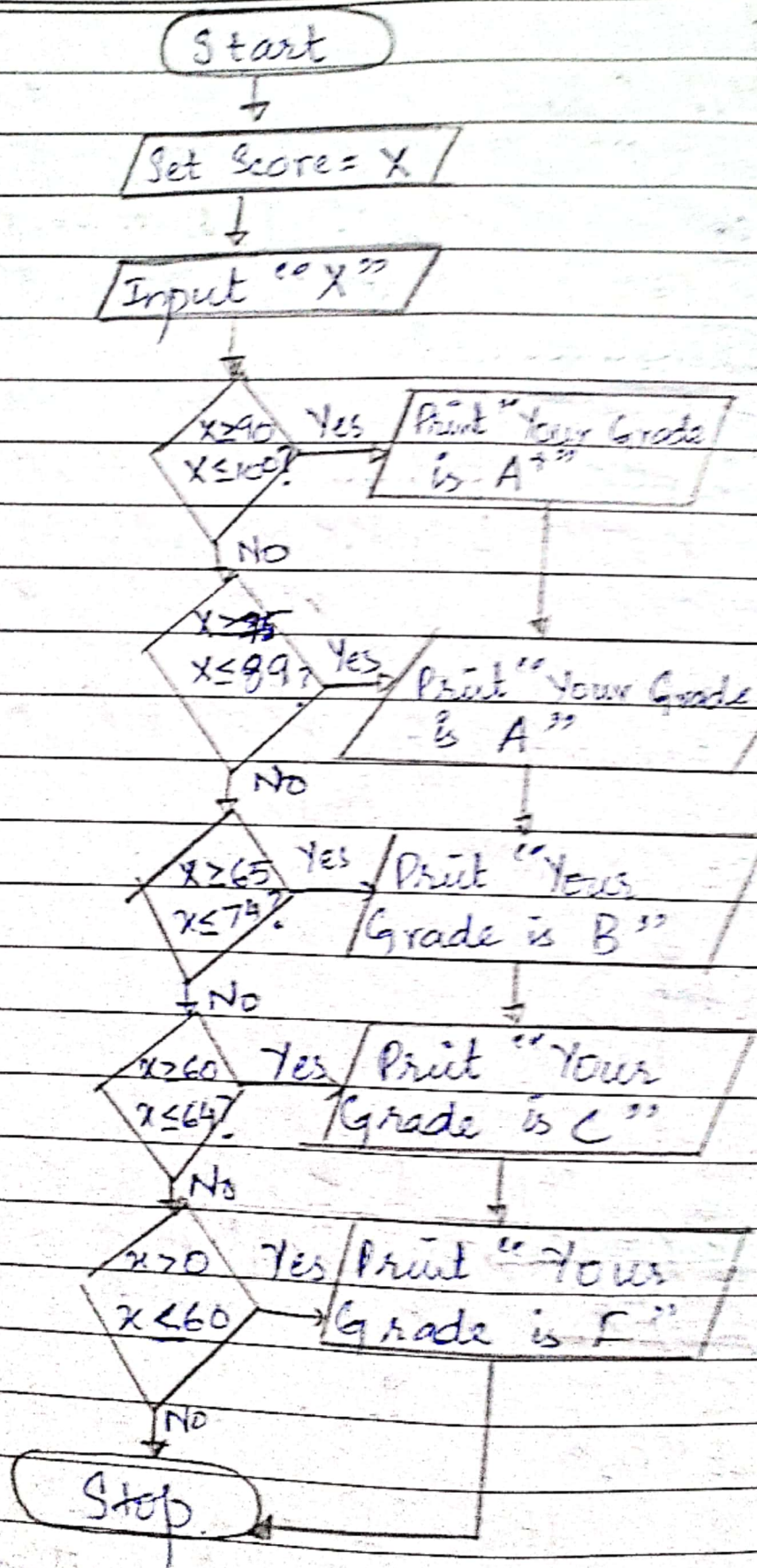
Q1:-



Q2:

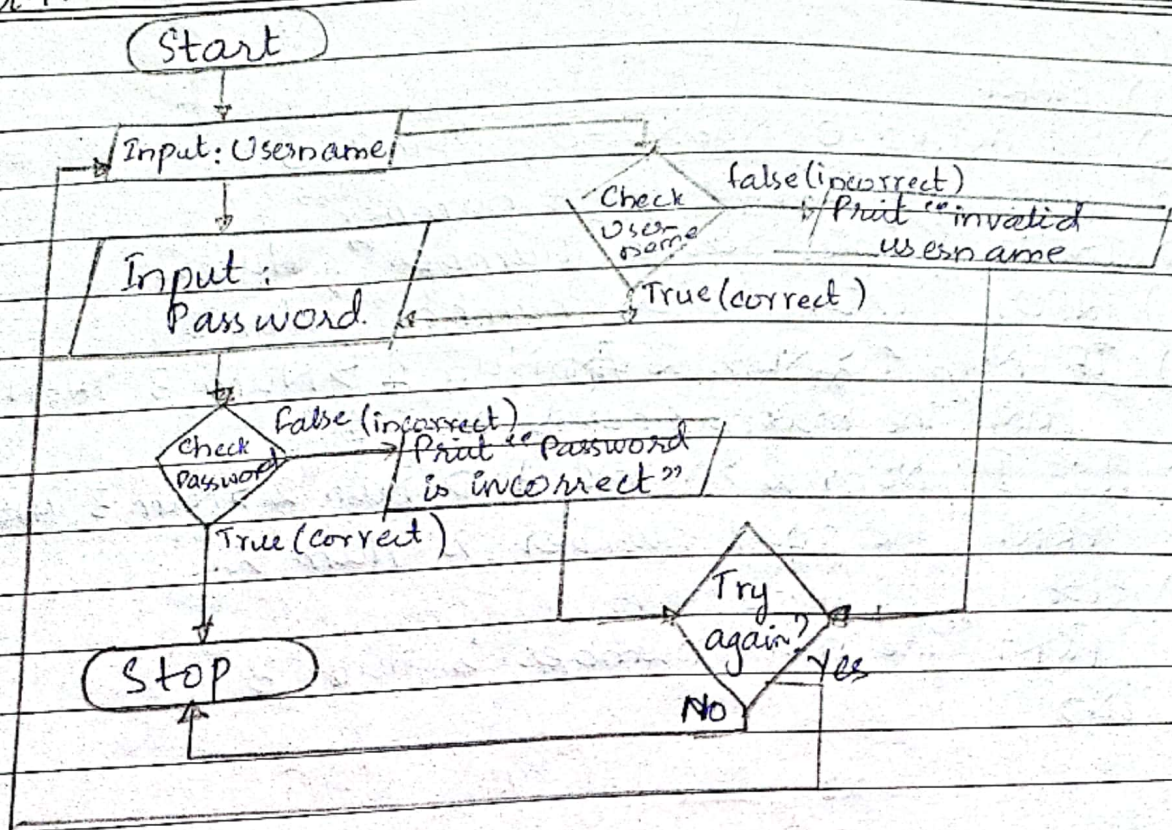


Q 3:



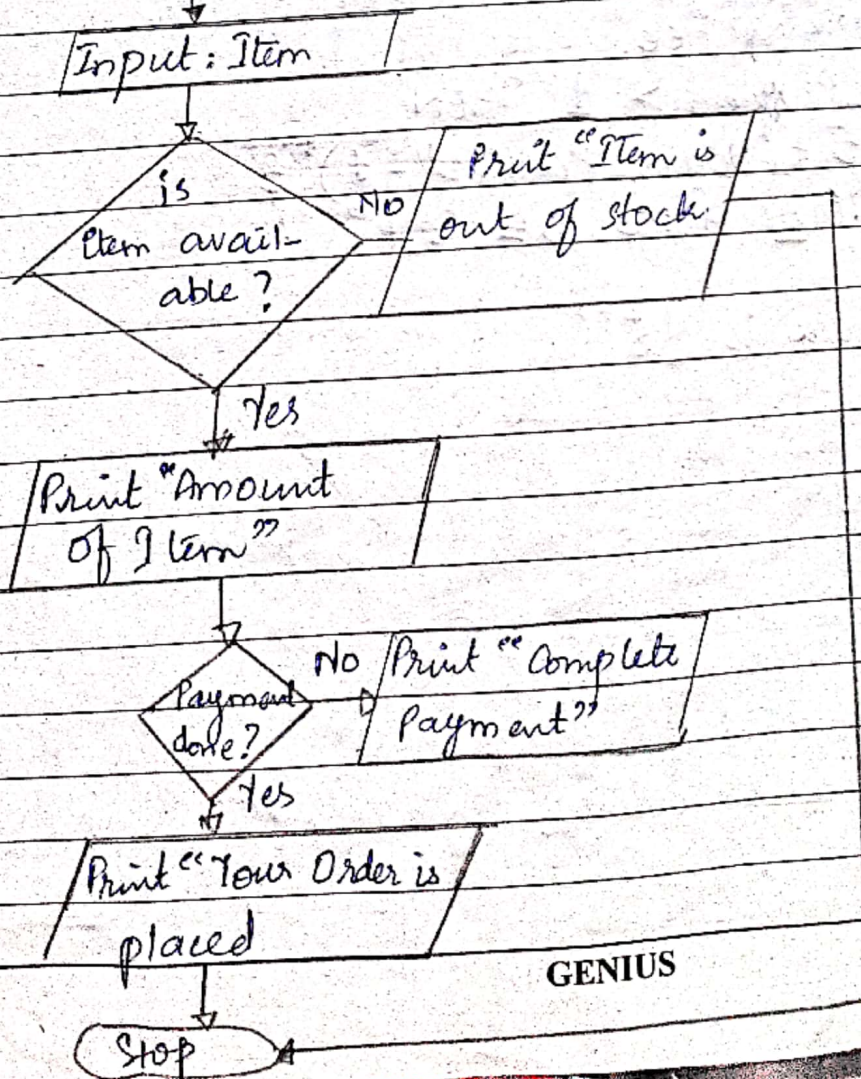
Q4:

Date



Q5:

(Start)



GENIUS

PSEUDO CODE:

Date _____

Q1:-

- 1) START
- 2) SET Num 1 = 0, Num 2 = 0, Num 3 = 0
- 3) INPUT Num 1, "Enter first number"
- 4) INPUT "Enter Second Number"; Num 2
- 5) INPUT "Enter third number"; Num 3
- 6) IF Num 1 > Num 2 AND Num 1 > Num 3 THEN
PRINT "The max number is Num 1"
- 7) ELSE IF Num 2 > Num 1 AND Num 2 > Num 3 THEN
PRINT "The max number is Num 2"
- 8) ELSE
PRINT "The max number is Num 3"
- 9) END

Q2:-

- 1) START
- 2) INPUT Hours_Parked
- 3) INPUT Parking Fee.
- 4) IF Hours_Parked ≥ 1 THEN
 $cost = 5 + (Hours_Parked - 1) * 3$
PRINT "Your fare is = cost"
- 5) ELSE
PRINT "Your fare is \$5"
- 6) END.

(2)

Date _____

Q3:

- 1) START
- 2) INPUT "Enter Your Total Bill"; Total cost
- 3) IF Total Cost $> 100\$$ THEN
Final Cost = Total Cost - (Total Cost \times discount) / 100
PRINT "Your ~~Total~~ Bill is : Final Cost"
- 4) ELSE
PRINT "Your Bill is : Total Bill"
- 5) END

Q4:

- 1) START
- 2) INPUT Number
- 3) IF Number / 2 = 0 THEN
- 4) PRINT "The Number is Even"
- 5) ELSE
PRINT "The Number is Odd"
- 6) END

ALGORITHM:

Q1:

- 1) Ask the user to enter "The number of days they attended the semester"
- 2) SET Total number of days in Semester = N
- 3) SET Percentage = $\frac{\text{Number of days user attended}}{\text{Total days of Semester}} \times 100$
- 4) IF Attendance < 75 , Then Print Warning letter for the user.
- 5) ELSE, PRINT "Maintain Your attendance"

Q2:

Date _____

- 1) Ask the user to enter no. of hours he worked.
- 2) Ask the user to enter pay rate / hours.
- 3) Set: $\text{Gross pay} = \text{No. of hours work} \times \text{pay rate}$
- 4) Display Gross pay to the user.

Q3:

- 1) Ask the user to enter any 2 numbers. except 0
- 2) Ask the user the operation he wants to perform.
- 3) If operation is (+), then Display: $\text{num 1} + \text{num 2}$
- 4) If operation is (-), then Display: $\text{num 1} - \text{num 2}$
- 5) If operation is (*), then Display: $\text{num 1} * \text{num 2}$
- 6) If operation is (/), then Display: $\text{num 1} / \text{num 2}$
- 7) If operation is (%), then Display: $(\text{num 1} / \text{num 2}) \times 100$
- 8) END.

- Q4: Ask user to input number of items
- Ask user the individual price of every item.
 - Total cost is Sum of price of every item
 - Ask user for tip
 - If user declines, then display cost
 - If user agrees, then: $\text{tip} = \frac{\text{total cost} \times 15}{100}$

$\text{Cost with tip} = \text{total cost} + \text{tip}$

→ display "Cost with tip".

Q5: Ask user to input Obtained Score

- If Score is greater than 90, then display A
- If Score is greater than 80 & less than 90 display B
- If Score is greater than 50 & less than 80, display C.