Steps:- denomination

- Find the largest that is lesser than or equal to the amount.
- Repeat until the last place value is reached.

Sequence:

- Take out 1 bill of $20
- Take out 3 bills of $10
- Take out 5 bills of $5

Take out 70 bills of $1

- Take out 1 coin of 25¢
- Take out 1 coin of 10¢
- Take out 1 coin of 5¢

Take out 4 coins of 10¢

- Take out 3 coins of 1¢

Q1

Given Data	Required Results
Denominations Available Amount	Change
Processing Required	Solution Alternatives
Find the largest denomination ≤ or = Amount Repeat until last place value is reached	- Focus on achieving the amount, ignoring the number of bills used. - Prioritize combinations that use fewer bills

Date:

Given Data	Required Results
Number 1 Number 2 Number 3	Greatest Number
Processing Required	**Solution Alternatives.**
Compare Number 1 Number 2 and Number 3 to find the greatest	- Find the number by looking at the set.

Given Data	Required Results
Digits of Numbers	Sum
Processing Required	**Solution Alternatives**
Isolate the digits of number Sum → combine the values of the number(s) to give Sum	- Use a loop to extract digits and sum. Define the number as input values.

Q4

Given Data	Required Results
Integer	Type
Processing Required	**Solution Alternatives**
- Use Modulus operator to divide Integer by 2 If remainder = 0 then type = Even else type = odd	- Check if the last number is a multiple of 2 to deduce even numbe

Q#5

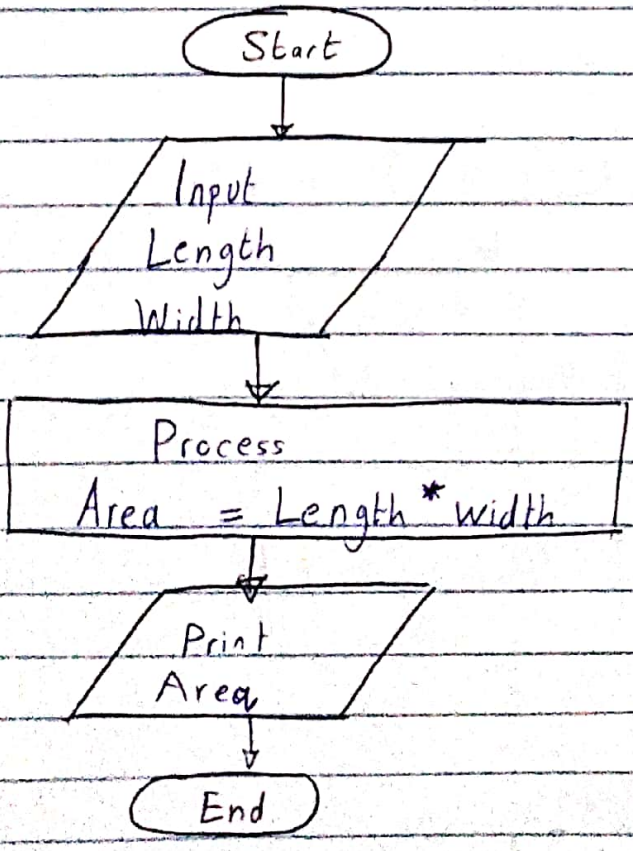
Given Data	Required Results
- Number 1 - Number 2	- Product - Type
Processing Required	**Solution Alternatives**
- Product = Number 1 * Number 2 - If Product is divisible by 2, it is even; otherwise it is odd	- Define the product based on multiplication - Utilize modulus operation

Date:

Q6

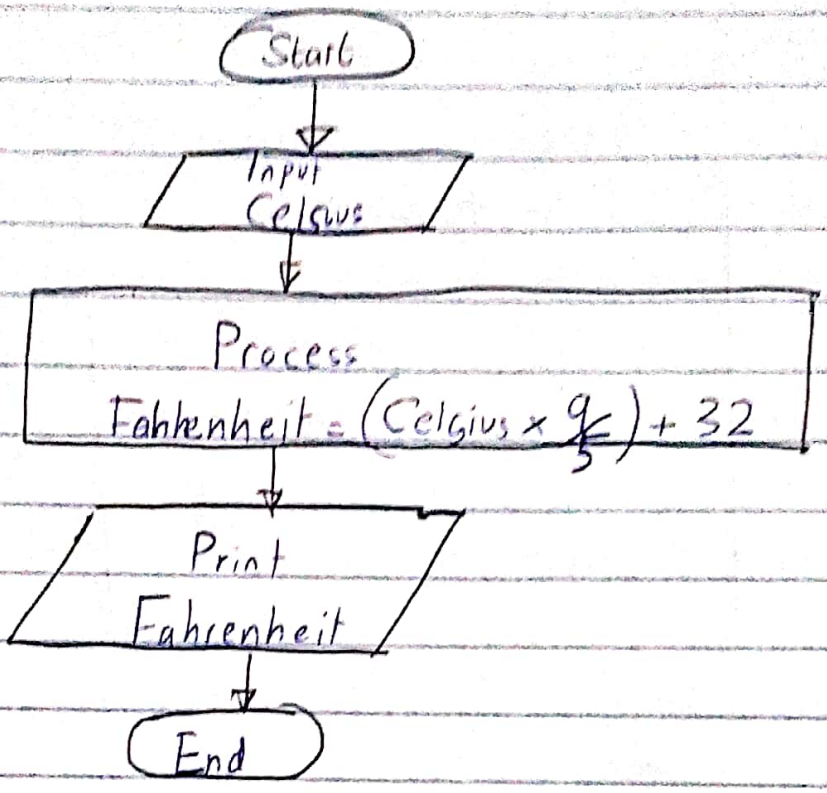
Input	Processing	Output
Number 1 Number 2	1. Enter Number 1 2. Enter Number 2 3. Calculate Number 3 4. Determine if Number 3 is odd or even by mod 2 5. Print NumberType 6. End	Number Type

Q7

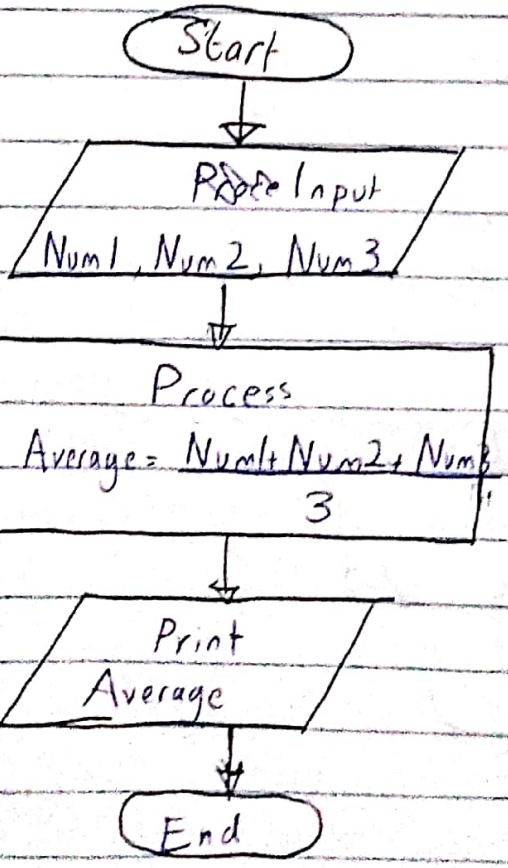


Date:

Q8


Start
Input
Celsius
Process
Fahrenheit = (Celsius × 9/5) + 32
Print
Fahrenheit
End

Q9


Start
Input
Num1, Num2, Num3
Process
Average = Num1+Num2+Num3 / 3
Print
Average
End