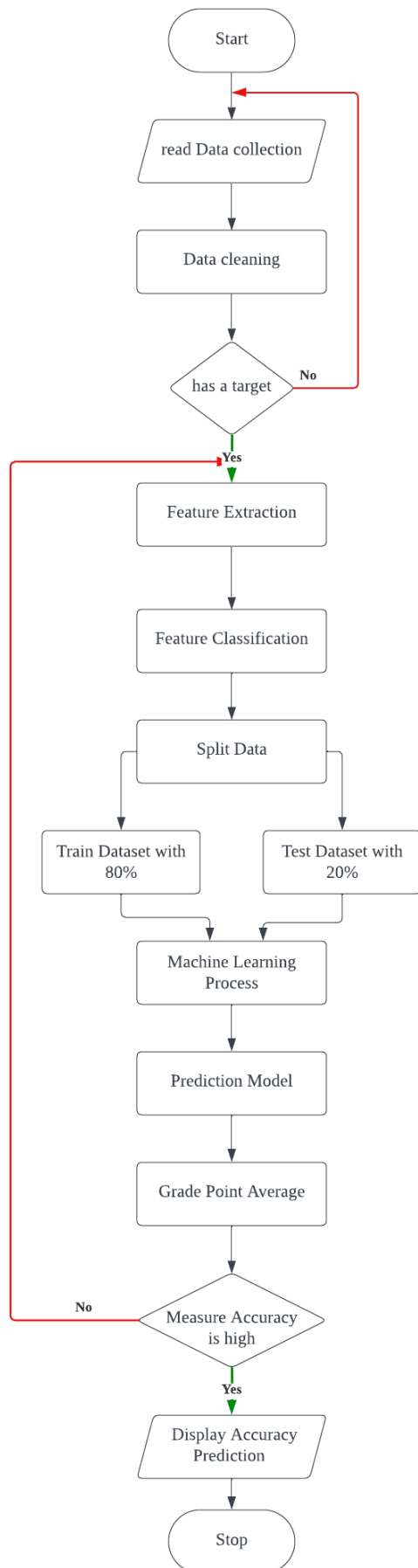NAME : NURUL NATALIA BINTI ROSNIZAM

MATRIC NUMBER : A23CS0165

LECTURER NAME : DR NIES HUI WEN

COURSE : SECBH

SET 1 //NAME : NURUL NATALIA BINTI ROSNIZAM

// MATRIC NUMBER : A23CS0165

SET 2 //NAME : NURUL NATALIA BINTI ROSNIZAM

// MATRIC NUMBER : A23CS0165

1. Start

2. deposit = 0.10

3. Get the name, duration, package, customer_Type

4. if package = = 1

  4.1 rental = 150

5. else if package = = 2

  5.1 rental = 250

6. End If

7. if customer_Type = = regular

  7.1 discount = 10/100

8. else if customer_Type = = normal

  8.1 discount = 0

9. End If

10. price = rental * duration

11. deposit_Payment = deposit * price

12. total_Discount = discount * price

13. balance = price - deposit_Payment - total_Discount

14. Display name, deposit_Payment, total_Discount, balance

15. End

SET 3 //NAME : NURUL NATALIA BINTI ROSNIZAM

// MATRIC NUMBER : A23CS0165

1.Start

2.read n , integer_num

3.Let i=0 , ans=1

4.While (i<n)

 4.1 ans = ans * integer_num

 4.2 read integer_num

 4.3 i++

5.end while

6. if (ans % 4 = = 0 && ans % 5 = = 0 && ans%7 = = 0)

  6.1 print ans + "is a multiple of 4,5 and 7"

7. else if (ans % 4 = = 0)

   7.1 print ans + "is a multiple of 4"

8. else if (ans % 5 = = 0)

   8.1 print ans + "is a multiple of 5"

9. else if (ans % 7 = = 0)

 9.1 print ans + "is a multiple of 7"

10. else if (ans % 4 = = 0 && ans % 5 = = 0)

    10.1 print ans + "is a multiple of 4 and 5"

11. else if (ans % 5 = = 0 && ans % 7 = = 0)

   11.1 print ans + "is a multiple of 5 and 7"

12. else if (ans % 4= = 0 && ans%7 = = 0)

   12.1 print ans + "is a multiple of 4 and 7"

13. end if

14. stop

SET 4 //NAME : NURUL NATALIA BINTI ROSNIZAM

// MATRIC NUMBER : A23CS0165

start

read n, integer_num

i=0 , ans=1

ans =ans * integer_num

read integer_num

i++

i<n — **Yes**

No

ans%2==0 — **No** → print ans + "is odd number

Yes

print ans + "is an even number

ans%3==0 — **Yes** → ans%3==0 && ans%5==0 — **Yes** → print "and multiple of 3 and 5"

No | **No**

ans%5==0 — **Yes** → print "and multiple of 5"

print "and multiple of 3"

No

stop