



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF COMPUTING

SEMESTER 1 2023/2024

SECJ1013 – PROGRAMMING TECHNIQUE 1

SECTION 3

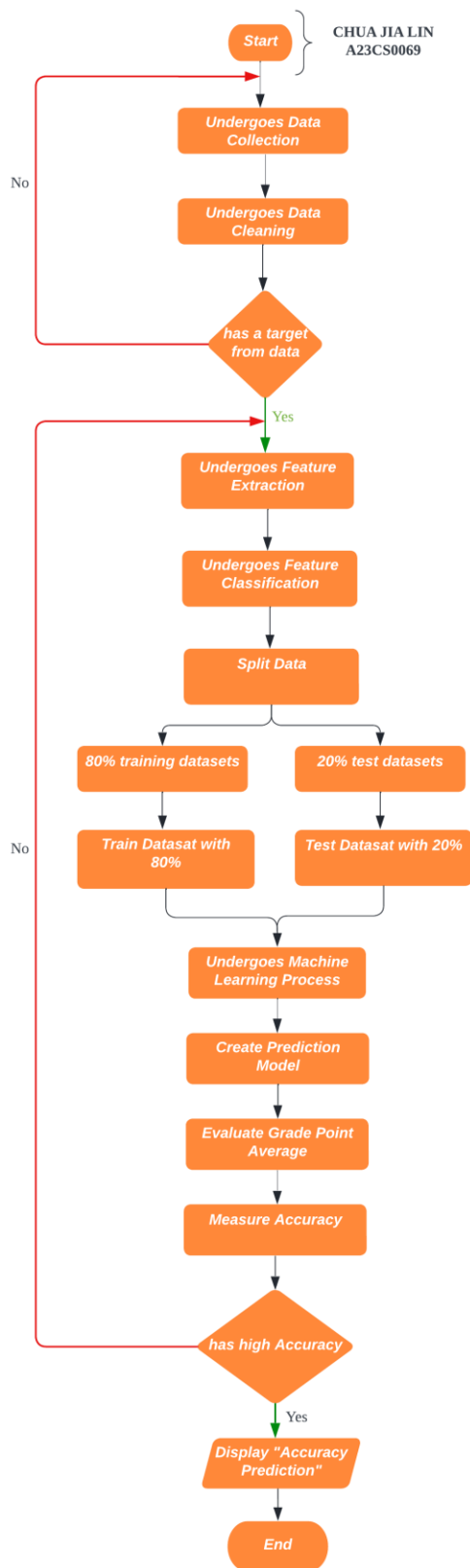
LAB EXERCISE 1

LECTURER: DR. NIES HUI WEN

STUDENT NAME : CHUA JIA LIN

MATRIC NUMBER : A23CS0069

SET 1



SET 2

// CHUA JIA LIN A23CS0069

1. Start
2. deposit = 0.10
3. Get the name, duration, package, customer_Type
4. If (customer_Type == "regular")
 - 4.1 discount = 0.10
5. Else
 - 5.1 discount = 0
6. End If
7. If (package == 1)
 - 7.1 rental = 150
8. Else
 - 8.1 rental = 250
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

// CHUA JIA LIN A23CS0069

1. Start
2. product = 1
3. Read integer
4. While (integer > 0)
 - 4.1 remainder = integer % 10
 - 4.2 product = product * remainder
 - 4.3 integer = integer / 10
5. End While
6. Display product
7. If (product % 4 == 0 && product % 5 == 0 && product % 7 == 0)
 - 7.1 Display “product is a multiple of 4, 5 and 7”
8. Else If (product % 4 == 0 && product % 5 == 0)
 - 8.1 Display “product is a multiple of 4 and 5”
9. Else If (product % 4 == 0 && product % 7 == 0)
 - 9.1 Display “product is a multiple of 4 and 7”
10. Else If (product % 5 == 0 && product % 7 == 0)
 - 10.1 Display “product is a multiple of 5 and 7”
11. Else If (product % 4 == 0)
 - 11.1 Display “product is a multiple of 4”
12. Else If (product % 5 == 0)
 - 12.1 Display “product is a multiple of 5”
13. Else If (product % 7 == 0)
 - 13.1 Display “product is a multiple of 7”
14. Else
 - 14.1 Display “product is not a multiple of 4, 5 and 7”
15. End If
16. End

SET 4

