



**UNIVERSITI TEKNOLOGI MALAYSIA**

**LAB EXERCISE 1**

**SECJ1013**

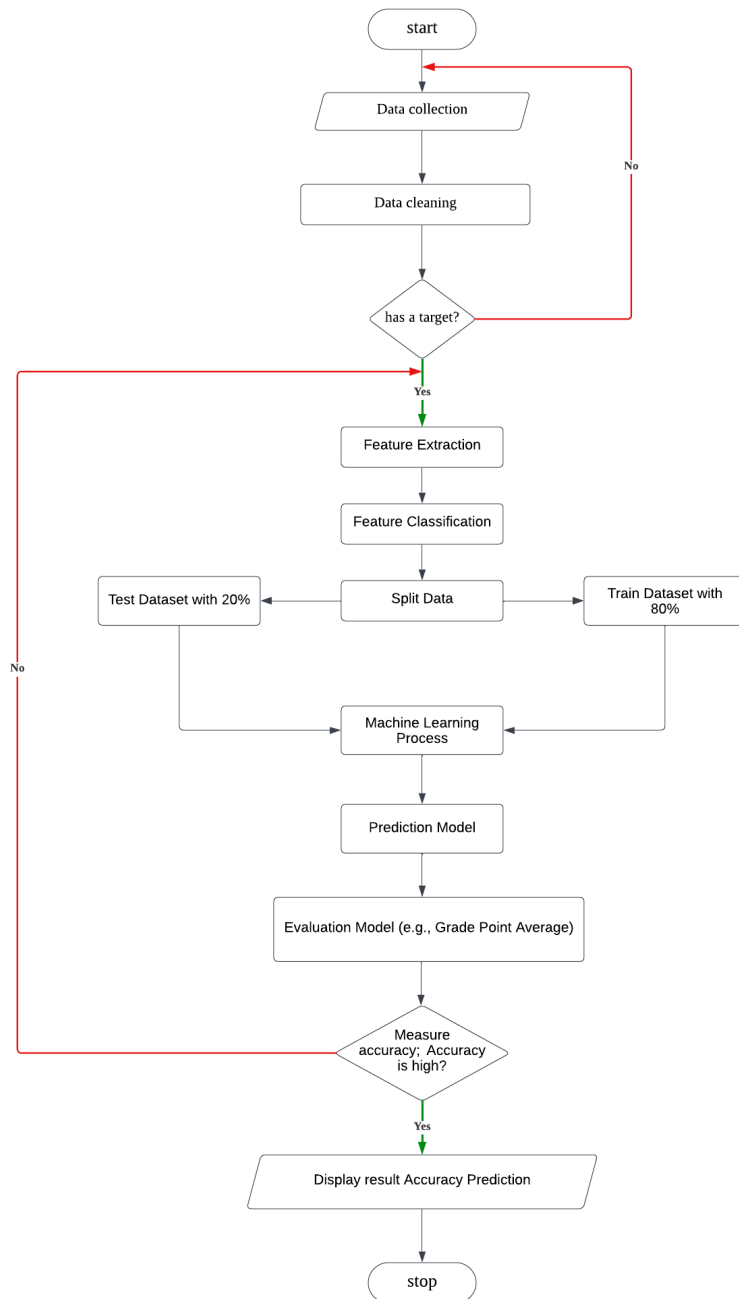
**PROGRAMMING TECHNIQUE 1**

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**SET 1**

**Commented [yb1]:** YASMIN BATRISYIA BINTI ZAHIRUDDIN  
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## SET 2

1. Start
2. deposit = 0.10
3. Get the name, duration, package, customer\_Type
4. if package == 1
- 4.1 rental = 150
5. else
- 5.1 rental = 250
6. End If
7. if customer Type == Regular
- 7.1 discount = 0.10
8. else
- 8.1 discount = 0
9. End If
10. price = rental \* duration
11. deposit\_Payment = deposit \* price
12. total\_Discount = discount \* price
13. balance = price – total Discount
14. Display name, deposit\_Payment, total\_Discount, balance
15. End

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### SET 3

```
1.start
2. set count = 0
3. while count <=4
    3.1 get digit number
    3.2 count = count +1
4. end while
5. product = digit number * digit number * digit number * digit number * digit number
6. if product % 4 == 0
    6.1 display "product is a multiple of 4"
    6.2 else if product % 5 == 0
        6.2.1 display "and 5"
    6.3 else if product % 7 == 0
        6.3.1 display "and 7"
7. end if
8. if product % 5 == 0
    8.1 display "product is a multiple of 5"
    8.2 else if product % 4 == 0
        8.2.1 display "and 4"
    8.3 else if product % 7 == 0
        8.3.1 display "and 7"
9. end if
10. if product % 7 == 0
    10.1 display "product is a multiple of 7"
    10.2 else if product % 5 == 0
        10.2.1 display "and 5"
    10.3 else if product % 4 == 0
        10.3.1 display "and 4"
11. end if
12. stop
```

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