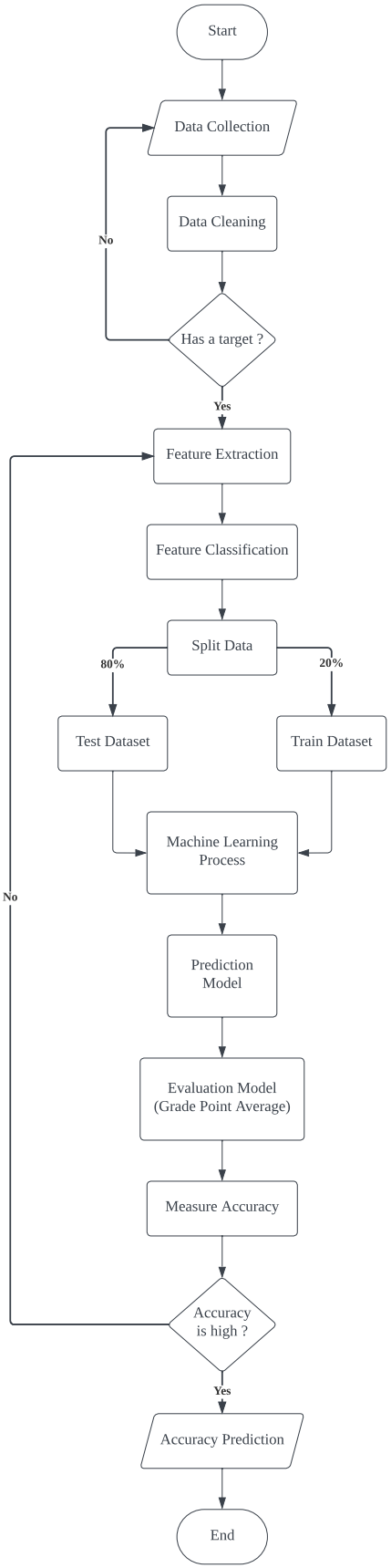
Set 1


Start
Data Collection
Data Cleaning
No
Has a target ?
Yes
Feature Extraction
Feature Classification
Split Data
80%
20%
Test Dataset
Train Dataset
Machine Learning Process
No
Prediction Model
Evaluation Model (Grade Point Average)
Measure Accuracy
Accuracy is high ?
Yes
Accuracy Prediction
End

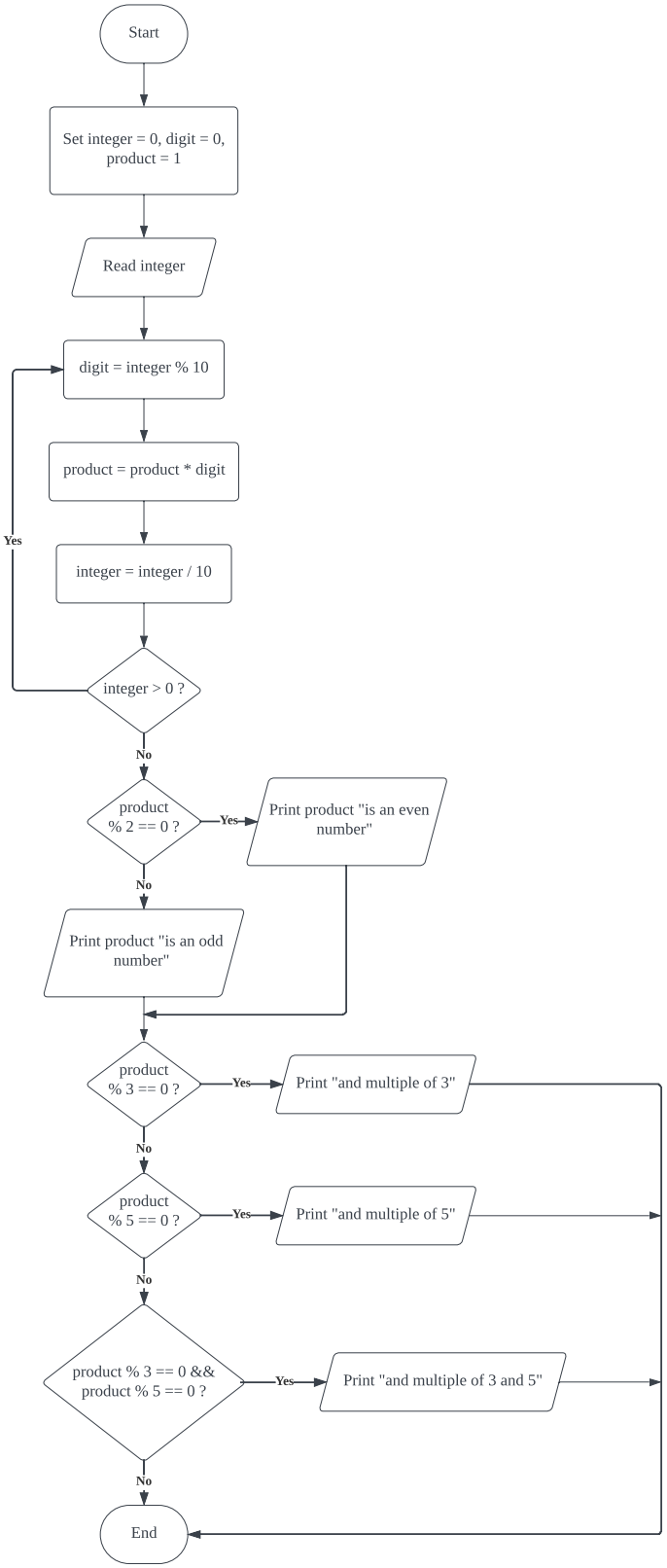
Set 2

1. Start
2. deposit = 0.10
3. Get the name, duration, package, customer_Type
4. If package == 1
   4.1 rental = 150
5. Else if package == 2
   5.1 rental = 250
6. End If
7. If customer_Type == “Regular”
   7.1 discount = 0.1
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

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

Set 4


Start
Set integer = 0, digit = 0, product = 1
Read integer
digit = integer % 10
product = product * digit
integer = integer / 10
integer > 0 ?
Yes
No
product % 2 == 0 ?
Yes
Print product "is an even number"
No
Print product "is an odd number"
product % 3 == 0 ?
Yes
Print "and multiple of 3"
No
product % 5 == 0 ?
Yes
Print "and multiple of 5"
No
product % 3 == 0 && product % 5 == 0 ?
Yes
Print "and multiple of 3 and 5"
No
End