

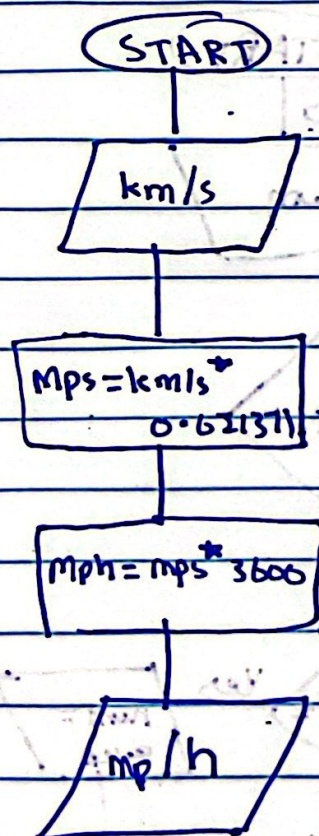
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Q:1

INPUT / speed in kilometers per second
 miles per second = kilometers per second * ~~3600~~ 0.621371
 Miles per hour = miles per second * 3600

OUTPUT Speed in miles per hour



Q:2

INPUT Number

if number ≤ 0 :

print("Please enter a positive number greater than 0")

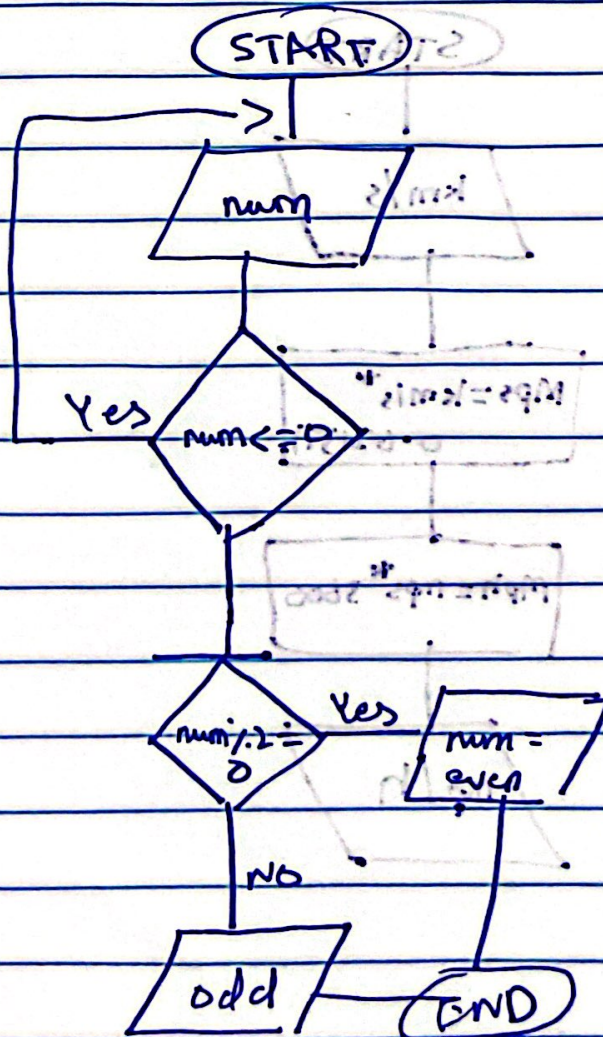
else if $\text{num} \% 2 = 0$

print("Entered number is even")

else if

print("Entered number is odd")

end if



Q:3

INPUT Age

INPUT Province

INPUT Gender

If province "Sindh"

Print ("Age should be ≥ 18 to be legal")

If province "Punjab"

If gender "female"

Print ("Age should be ≥ 16 to be legal")

Else gender "male"

Print ("Age should be ≥ 18 to be legal")

Q:4

INPUT money

INPUT prices

INPUT products

INPUT quantity

Print ("what fruits or vegetables to buy")

Input ("Fruits or vegetables")

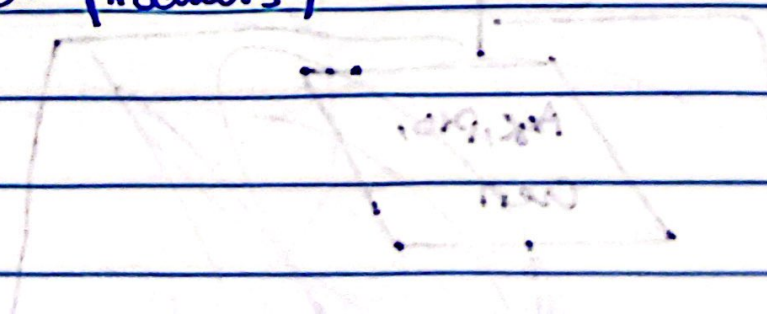
Print ("How much of them?")

Input ("Quantity")

Print ("How much money do you have")

Input ("money")

Print ("Prices of products")



Q:5

Input	Process	Output
Crop moisture rainfall	Check irrigation conditions of different crops	irrigation

INPUT crop, moisture, rainfall

IF (moisture of wheat < 30 AND Rain > 24)

Print ("Irrigation is Possible")

ELSE (moisture of corn < 40)

~~ELSE~~ Print ("Irrigation is Possible")

ELSE if (moisture of rice < 25 AND Rain > 24)

Print ("Irrigation is Possible")

Q:6

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INPUT Height
INPUT Age
INPUT Ride
Print ("Enter your Ride")
If ride = Dragon Roller coaster
Print ("User should be >= 48 inches AND Age >= 10 years")
Else if ride = Sky Swing
Print ("User should be >= 54 inches")
Else ride = Carousel
Print ("User should be >= 5 years old")
    
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Q:8

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while
INPUT Number
Sum = 0
Do (Sum of "Number")
Sum = Sum of Number
    
```

```

INPUT Number
while Sum = 0
Do (Sum of digits of "Number")
Sum = Sum of Number
END while
    
```

