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Date:

PF Theory Assignment 1

Q1:- Miles per hour to kilometers per seconds.

IPO CHART

Input	Process	Output
speed in kilometers per seconds (kms^{-1})	Convert kms^{-1} into miles per hour (mph) using formula :- $$mph = kms^{-1} * 3600 * 0.621371$$	Speed in miles per hour (mph)

PSEUDOCODE

```
1   START
2       // Input / output
3   INPUT speed in kilometer per second (kms⁻¹).
4
5       // Process Steps
6   Convert speed from kms⁻¹ to mph using the
    formula :   kms⁻¹ * 3600 * 0.621371.
7
8
9   PRINT "product = mph"
10
11  END
12
13
14
```

FLOWCHART

START

Speed =
kms^{-1}

Convert speed
(kms^{-1}) to speed
(mph) = kms^{-1} * 3600
* 0.621371

speed = mph

END