SIMON MERHAY ASSIGNMENT

1.

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| --- | --- | --- |
| INPUT | PROCESSING | OUTPUT |
| R=radius  H= height | V= π \*r\*r\*h | V= volume of a can |

2.

|  |  |  |
| --- | --- | --- |
| INPUT | PROCESSING | OUTPUT |
| Volume in quarts | Convert value to liters | Volume in liters |

3.

|  |  |  |
| --- | --- | --- |
| INPUT | PROCESSING | OUTPUT |
| D= distance in meters | Convert value to miles | D= distance in miles |

4.

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| --- | --- | --- |
| INPUT | PROCESSING | OUTPUT |
| Number of total boxes  Boxes in each stack | Divide number of total boxes by number of boxes in each stack to get the total number of stacks | Total number of stacks |

5.

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| --- | --- | --- |
| INPUT | PROCESSING | OUTPUT |
| Number of students  Number of teams | Dividing number of students by the number of teams and then subtracting the remainder from the number of teams to get the exact balanced teams | Number of students in each team |

6.

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| --- | --- | --- |
| INPUT | PROCESSING | OUTPUT |
| Beginning odometer  Ending odometer  Number of gallons of gasoline | Subtract beginning from ending odometer abd divide the value by number of gallons | Mileage in miles/gallon |

7.

|  |  |  |
| --- | --- | --- |
| INPUT | PROCESSING | OUTPUT |
| Age | Max heartrate/min=220-age | Slowest heartrate  Fastest heartrate |