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Submitted to- **Professor Rakish**

1.

|  |  |  |
| --- | --- | --- |
| input | processing | output |
| Area of lawn | Multiply by 0.01 | Season coast |
|  | Multiply by 1.5 |  |

2

* get the total area of the lawn from user
* multiply by 0.01 and then by 1.5 to get season
* display the season coast for the user to see

3

|  |  |  |
| --- | --- | --- |
| input | processing | output |
| Get regular hour | Multiply regular hour by regular hour wage to get regular pay | Net pay |
| Get overtime hour | Multiply hourly wage by 1.5 to get overtime pay |  |
| Get regular wage | Add regular pay and overtime pay to get gross pay |  |
|  | Multiply gross pay by 0.15 to get tax |  |
|  | Subtract tax form gross pay to get net pay |  |

4

* Get regular hour, overtime hour and regular wage from the user .
* Multiply regular hours by regular hourly wage to get regular pay.
* Multiply overtime hours by regular hours wage by 1.5 to get overtime.
* Add regular pay and overtime pay to get gross pay (gross pay + overtime pay).
* Multiply gross Pay by 0.15 to get tax.
* Subtract tax from gross pay to get net Pay (net pay =gross pay –tax).
* Display net pay for user to see.

5 selection, sequence, repetition

6 **sequence -**causes a computer to execute statement

**Repetition -**causes a computer to repeat a group of statement

**Selection -** causes a computer to select a group of statement to execute and another group or group to skip.