Assignment one

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| Input | Process | output |
| Get the total area of the lawn from the user | , Multiply the area of the lawn by 0.01 and then by 15 to get the total season cost | Total Amount to charge customers for entire season. |

1. Order to solve questions

1 Get the total area of the lawn from the user

2, Multiply the area of the lawn by 0.01 and then by 15 to get the season cost

3, display the season cost for the user to see

1. algorithm steps

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| --- | --- | --- |
| input | process | output |
| regular hourly wage  regular work hour  overtime hours | Multiply regular hours by regular hourly wage to get regular pay(regpay=reghour\*regwage)  multiply overtime hour by regular hour wage by 1.5 to get overtime pay  add regular pay and overtime pay to get gross pay  multiply gross pay by 0.15 to get tax  subtract tax from gross pay to get net pay (gross pay-tax) | Employees After Tax Net Pay |

1. order to solve problem
2. Get Regular hours, overtime hours, and regular hourly wage from the user
3. Multiply regular hours by regular hourly wage to get regular pay
4. multiply overtime hour by regular hour wage by 1.5 to get overtime pay
5. add regular pay and overtime pay to get gross pay
6. multiply gross pay by 0.15 to get tax
7. subtract tax from gross pay to get net pay
8. display net pay for the user to see

5 sequence , selection , repetitions and try ,catch and throw

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1. sequence causes the computer to execute statement in the order they are written in the program from top to bottom
2. selections cause compute to select one group of statement to execute and anther group or group to skip
3. repetition cause the computer to repeat a group of statement