

# P1

```
// income tax problem
var userIncome = Number(prompt("Enter your Annual Income : "));

if (userIncome <= 250000) {
    console.log("No need to pay income tax")
} else if (userIncome > 250000 && userIncome <= 500000) {
    console.log("You have to pay your income tax amount : " + (userIncome * (5 / 100)))
} else if (userIncome > 500000 && userIncome <= 1000000) {
    console.log("You have to pay your income tax amount : " + (12500 + (userIncome * (20 / 100))))
} else if (userIncome > 1000000) {
    console.log("You have to pay your income tax amount : " + (112500 + (userIncome * (30 / 100))))
} else {
    console.log("Enter your Annual Income properly")
}
```

## P2

```
// shipping cost for parcel
var weight = Number(prompt("Enter your parcel weight : "));

if (weight <= 1) {
    var destination = prompt("Enter your parcel destination : ").toLowerCase();

    if (destination == "local") { console.log("Shipping cost for your local parcel is : $5") }
    else if (destination == "national") { console.log("Shipping cost for your national parcel is : $8") }
    else if (destination == "international") { console.log("Shipping cost for your international parcel is : $15") }
    else { console.log("**Enter the proper destination") }
}
else if (weight > 1 && weight <= 5) {
    var destination = prompt("Enter your parcel destination : ").toLowerCase();

    if (destination == "local") { console.log("Shipping cost for your local parcel is : $10") }
    else if (destination == "national") { console.log("Shipping cost for your national parcel is : $15") }
    else if (destination == "international") { console.log("Shipping cost for your international parcel is : $30") }
    else { console.log("**Enter the proper destination") }
}
else if (weight > 5 && weight <= 10) {
    var destination = prompt("Enter your parcel destination : ").toLowerCase();

    if (destination == "local") { console.log("Shipping cost for your local parcel is : $20") }
    else if (destination == "national") { console.log("Shipping cost for your national parcel is : $25") }
    else if (destination == "international") { console.log("Shipping cost for your international parcel is : $50") }
    else { console.log("**Enter the proper destination") }
}
else if (weight > 10) {
    var destination = prompt("Enter your parcel destination : ").toLowerCase();

    if (destination == "local") { console.log("Shipping cost for your local parcel is : $30") }
    else if (destination == "national") { console.log("Shipping cost for your national parcel is : $35") }
    else if (destination == "international") { console.log("Shipping cost for your international parcel is : $70") }
    else { console.log("**Enter the proper destination") }
}
else {
    console.log("**Enter your parcel weight properly")
}
```

## P3

```
// electricity bill based on units
var totalUnits = Number(prompt("Enter your total elctricy units : "))

if (totalUnits <= 100) {
    console.log("Your total electricity bill is = " + (totalUnits * 1))
}
else if (totalUnits > 100 && totalUnits <= 300) {
    console.log("Your total electricity bill is = " + (((totalUnits * 0) + 100) * 1) + ((totalUnits - 100) * 1.5))
}
else if (totalUnits > 300) {
    console.log("Your total electricity bill is = " + (((totalUnits * 0) + 100) * 1) + (((totalUnits * 0) + 200) * 1.5) + ((totalUnits - 300) * 2))
}
else { console.log("Enter your proper units") }
```