

DOCUMENT

1)voting eligibility

Scenario: Determine if a person is eligible to vote.

Input:

'age'

'citizenship'(Boolean)

Output:

Can vote

CODE:

```
Var age=20;
Var citizenship=true;
If (age>=18 && citizenship) {
  Console.log ("eligible to vote")
} Else {
  Console.log ("not eligible")
}
```

2)Admission to a club

Scenario: Determine if a person can enter a club.

Input:

'age'

'Has invitation'(Boolean)

Output:

CanEnterClub

CODE:

```
Var age=20;
Var has invitation=true;
If (age>=21 || has invitation) {
  Console.log ("CanEnterClub")
} Else {
  Console.log ("CannotEnterClub")
}
```

3)Discount Eligibility

Scenario:Determine if a person is eligible for a discount at a store.

Input:

'ismember'(Boolean)

'age'

output:

iseligiblefordiscount

CODE:

```
Var ismember=false;
Var age=70;
If (age>=65 || has invitation) {
  Console.log ("iseligiblefordiscount")
} Else {
  Console.log ("isnoteligiblefordiscount")
}
```

4)scholarship eligibility

Scenario:Determine if a student is eligible for a scholarship.

Input:

'gpa'

'extracurriculars'(Boolean)

'recommendation'(Boolean)

output:

iseligibleforscholarship

CODE:

Var gpa=3.6;

Var extracurricular=! true;

Var recommendation=true;

If((gpa>=3.5) && (extracurriculars || recommendation)) {

Console.log("IsEligibleForSchlorship")

}

Else {

Console.log("IsNotrEligibleForSchlorship")

}