

### 1.Voting Eligibility

Determine if a person is eligible to vote.

Inputs:

- 'age'

- 'citizenship'(boolean)

Output

- 'canVote'

Example:

-Input age=20,citizenship='true'

-output: canVote

Code:

```
var age=21;
var citizenship=true;
if(age>=20 && citizenship==true){
    console.log("can vote");
}
else{
    console.log("cannot vote");
}
```

Output:

can vote

### 2.Admission to a club

Determine if a person can enter a club.

Inputs:

-age

-hasInvitation(boolean)

Outputs:

-canEnterClub

Example:

-Input age=20 hasInvitation = true

-output:canEnterClub

Code:

```
var age=23;
var hasInvitation=true;
if(age>=21 || hasInvitation==true){
    console.log("can Enter Club")
}
else{
    console.log("cannot Enter Club")
}
```

Output:

can Enter Club

### 3.Discount Eligibility

Determine if a person is eligible for a discount at a store

Inputs:

- isMember(boolean)

-age

Output

isEligibleForDiscount

Example

-inputs: isMember=false age=70

-output: isEligibleForDiscount

Code:

```
var isMember=false;
var age=70;
if(isMember==true || age>=65){
    console.log("is Eligible for discount");
}
else {
    console.log("is NotEligible For discount");
}
```

Output:

is Eligible for discount

#### 4.Scholarship Eligibility

Determine if a student is eligible for a scholarship.

Inputs:

-'gpa'

-'extracurriculars'

-'recommendation'

Outputs

-'Eligible for Scholarship'(boolean)

Example:

Input:

gpa=3.6,extracurriculars=true,recommendation=false

Output: 'isEligibleForScholarship'.

Code:

```
var gpa=3.6;
var extracurriculars=true;
var recommendation=false;
if(gpa>=3.5 && (extracurriculars==true || recommendation==true)){
    console.log("isEligible for scholarship")
}
else{
    console.log("is Not eligible scholarship")
}
```

Output:

isEligible for scholarship