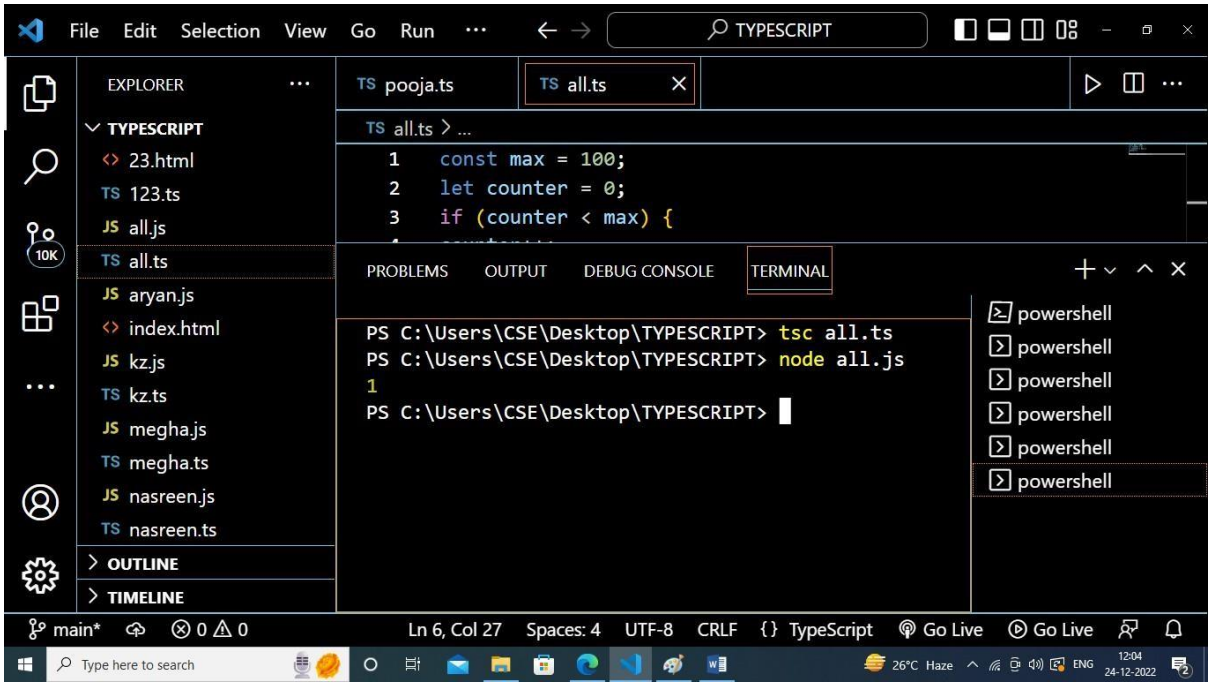
9. Write programs of typescript for control flow statements

1.If statement

```
const max =100;letcounter;
if(counter<max) {
 counter++;  } console.log(counter
); // 1
```

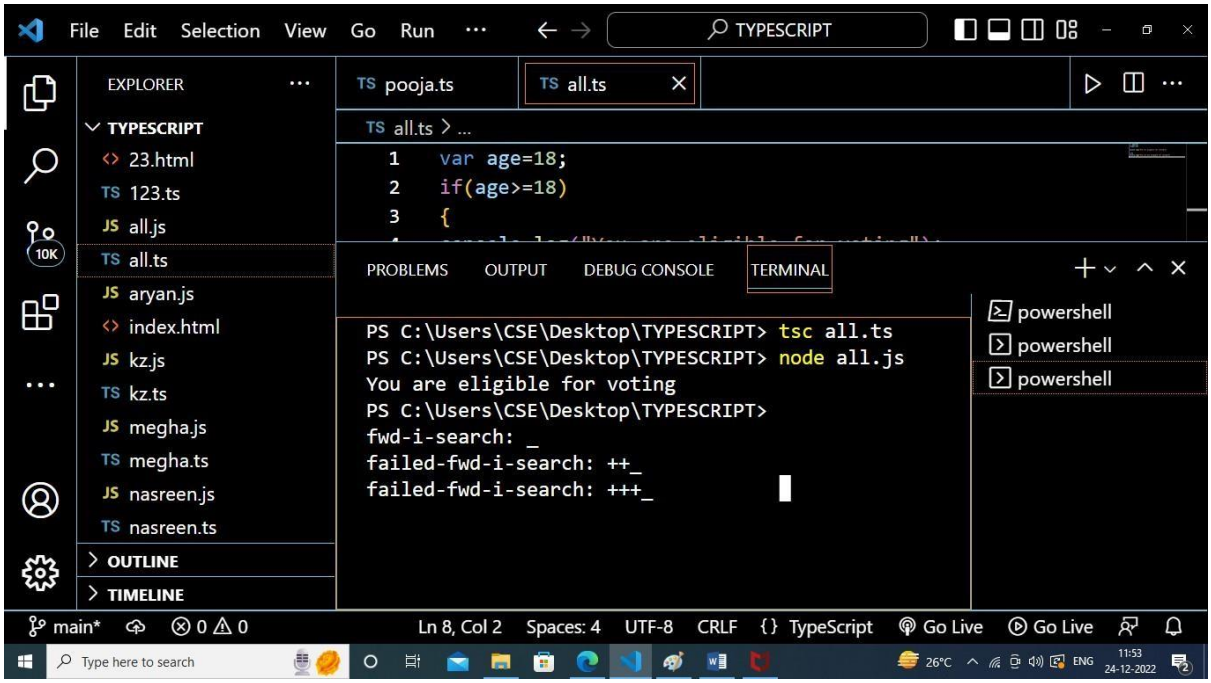
Output:-



2.If else statement

```
var age=18;
if(age>=18)
{
console.log("You are eligible for voting");
}
else{
console.log("You are not eligible for voting");
}
```

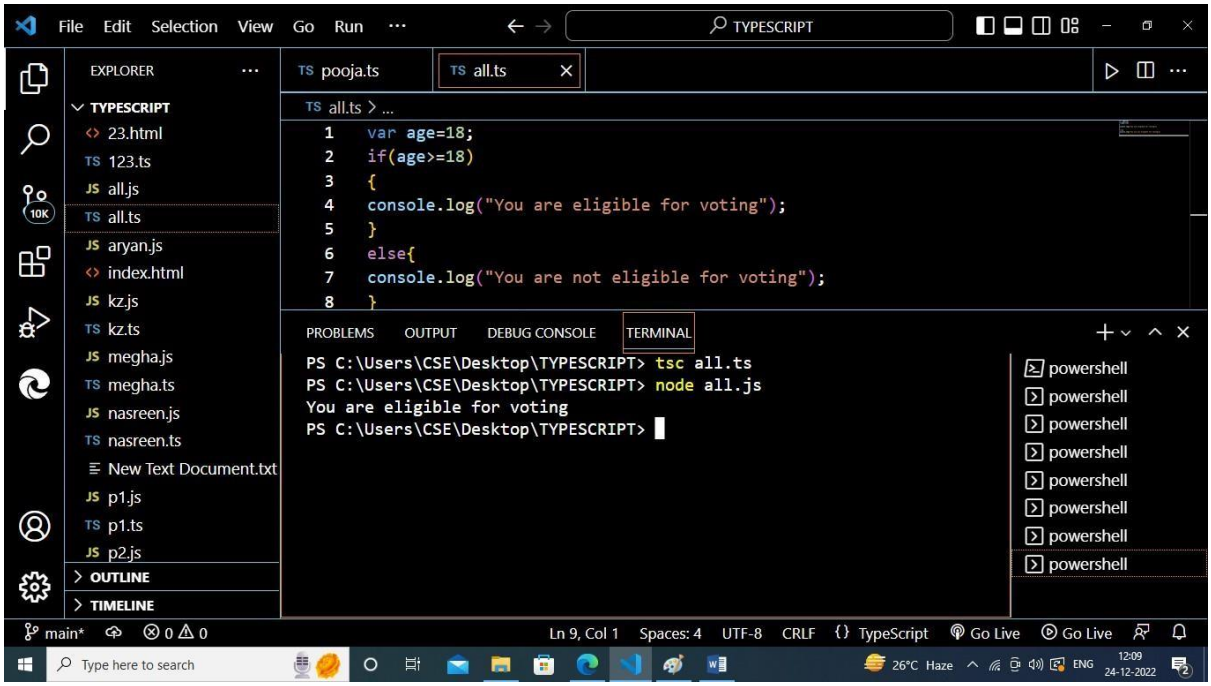
Output:-



3.If else If Statement

```
var age=18;
if(age>=18)
{
console.log("You are eligible for voting");
} e
l
s
e
{  console.log("You are not eligible for
voting");
}
```

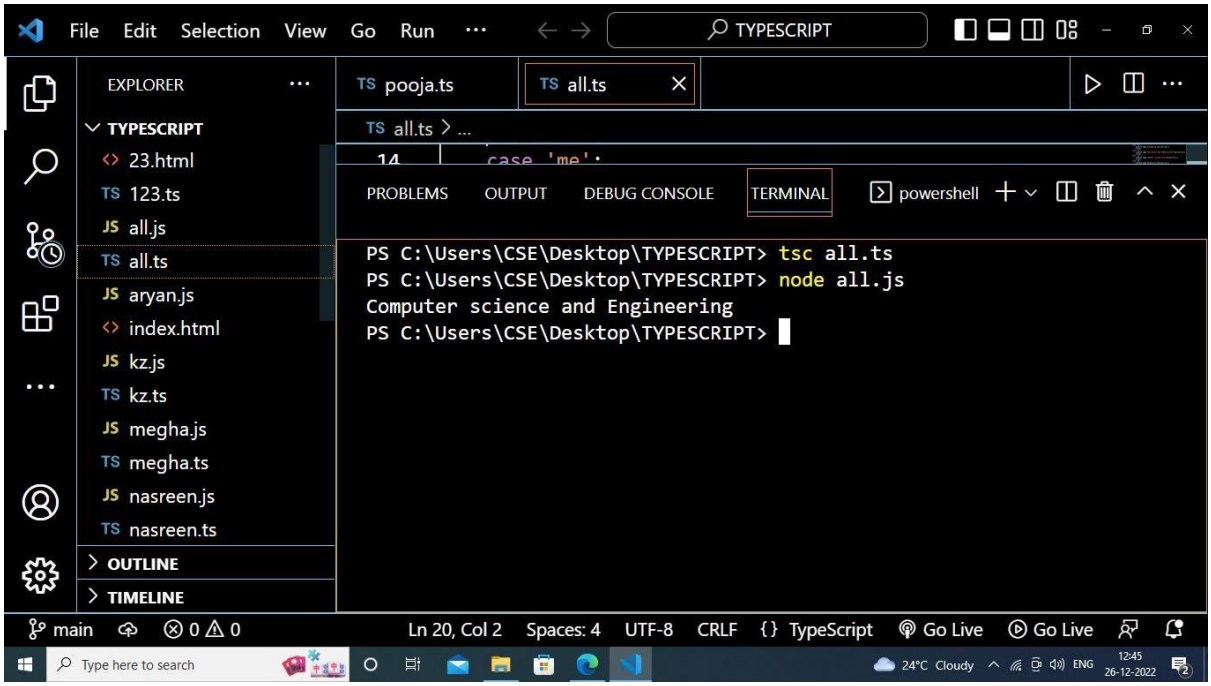
Output:-



4.Switch Statement

```
let targetId ='cs';
switch (targetId) {
case 'at':
      console.log('Automobile
Engineering');          break;      case 'ec':
console.log('Electronics and Communication
Engineering');          break;      case 'cs':
console.log('Computer science and Engineering');
break;  case 'me':  console.log('Mechanical
Engineering');          break;      default:
console.log('Invalid Branch');
      break;
}
```

Output:-


File Edit Selection View Go Run
TYPESCRIPT
EXPLORER
TYPESCRIPT
23.html
123.ts
all.js
all.ts
aryan.js
index.html
kz.js
kz.ts
megha.js
megha.ts
nasreen.js
nasreen.ts
OUTLINE
TIMELINE
pooja.ts
all.ts
all.ts > ...
case 'me':
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
powershell
PS C:\Users\CSE\Desktop\TYPESCRIPT> tsc all.ts
PS C:\Users\CSE\Desktop\TYPESCRIPT> node all.js
Computer science and Engineering
PS C:\Users\CSE\Desktop\TYPESCRIPT>
main
0 0
Ln 20, Col 2
Spaces: 4
UTF-8
CRLF
TypeScript
Go Live
Go Live
Type here to search
24°C Cloudy
ENG
12:45
26-12-2022