Assignment No	9
Title	To defer execution and cancel Execution of function
Objective	Program to defer execution and cancel Execution of function. Use setTimeout ,setInterval, process.nexttick and clearInterval
Roll No	MCA2511

CODE & OUTPUT:

callback3.js

```js
let i=0;
var inter = setInterval(function()
{
    ++i;
    console.log("Hello There "+i);
    if (i==10) clearInterval(inter);
},3000);
var t = setTimeout(function()
{
    console.log("Time Out Example!");
},2000);
clearTimeout(t);
console.log("Program is running!");
process.nextTick(function()
{console.log("Urgent Task PM/CM");});
console.log('Hello => number 1');
setImmediate(() => {
    console.log('Running before the Timeout => number 3')
});
setTimeout(() => {
    console.log('The timeout running last => no 4');
}, 100);

process.nextTick(() => {
    console.log('Running before the Timeout => no 2');
});
```

OUTPUT:

```
A:\MCA2511\WEB_LAB\node.js>node callback3.js
Program is running!
Hello => number 1
Urgent Task PM/CM
Running before the Timeout => no 2
Running before the Timeout => number 3
The timeout running last => no 4
Hello There 1
Hello There 2
Hello There 3
Hello There 4
Hello There 5
Hello There 6
Hello There 7
Hello There 8
Hello There 9
Hello There 10

A:\MCA2511\WEB_LAB\node.js>^A
```