

```

let events = require('events');
let fs = require('fs');
let http = require('http');
let cron = require('node-cron');

let eventEmit = new events.EventEmitter();

eventEmit.on('messageLogger',(m)=>{
    console.log(m);
})
eventEmit.on('endpoint',(end)=>{
    console.log(`Endpoint ${end} was called.`);
});
eventEmit.on('keyword',(keyword)=>{
    console.log(`Keyword "${keyword}" was found in file.`);
});

function createFile(){
    fs.writeFile('abc.txt','hello this is a sample message',(err)=>{
        if(err) throw err;
        eventEmit.emit('messageLogger','file created');
    })
}

function findKeyFromFile(keyword){
    fs.readFile('abc.txt','utf-8',(err,data)=>{
        if(err){
            console.log(`some error ocured, ${err}`);
        }else if(data.includes(keyword)){
            eventEmit.emit('keyword',keyword);
        }else{
            console.log(`not found.`);
        }
    });
}

findKeyFromFile('Alan');

cron.schedule('* * * * *',()=>{
    console.log(`This message is printed every minute.`);
})

http.createServer((req,res)=>{
    res.write('hello');
    eventEmit.emit('endpoint',req.url);
    res.end();
}).listen(8888);

```

```
PS D:\NODE-Programs> npm start
```

```
> programs@1.0.0 start
```

```
> node index.js http://localhost:8888/
```

This message is printed every minute.

This message is printed every minute.

This message is printed every minute.

Terminate batch job (Y/N)?

^C

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Keyword this was found in file.

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not found.

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Keyword "Alan" was found in file.