//Question-1

```
function leap(num)
{
    if(num%400===0 || (num%4===0 && num%100!==00))
    return true
    return false
}
const readline=require('readline').createInterface(
        {
            input:process.stdin,
            output:process.stdout,
        }
    );
    readline.question(`Enter year`,num=>{
        console.log(leap(parseInt(num))),
        readline.close();
    });
```

//Question-2

```
let temp_C=100

temp_F= (9/5)*temp_C + 32
console.log(temp_F);

temp_C=(5/9)*(temp_F-32)
console.log(temp_C);
```

//Question-3

```
function fact(num)
{
    if(num==0)
    return 1
    else
    return num * fact(num-1)
}
const readline=require('readline').createInterface(
    {
        input:process.stdin,
        output:process.stdout,
    }
);
readline.question(`Enter a number`,num=>{
    console.log(fact(parseInt(num))),
    readline.close();
});
```