

# Module title

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ian.mcloughlin@gmit.ie

First topic

Second topic

Section three

Section four

## First topic

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# About stuff

Stuff

Cool.

## Second topic

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```
x = int(raw_input("Please enter an integer: "))
if x < 0:
    x = 0
    print 'Negative changed to zero'
elif x == 0:
    print 'Zero'
elif x == 1:
    print 'Single'
else:
    print 'More'
```

## Section three

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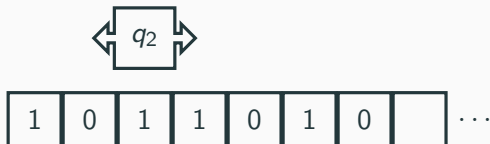
- John McCarthy while at MIT – late 1950s.
- Created Lisp.
- Lisp generally considered first functional programming language (not really though).
- Lots of dialects exist today, such as Scheme and Common Lisp.



## Section four

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# Turing Machine



## State Table

State	Input	Write	Move	Next
0	B	B		Accept
	0	0	L	0
	1	1	L	1
1	B	B		Fail
	0	0	L	1
	1	1	L	0

$$\delta(q_i, g_n) \rightarrow (q_j, g_m, L/R)$$