



'Reasonable adjustments' in Computer Science

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Research interest in assistive technology

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Why undeclared?

Fears of discrimination?

Mental health problems

Lack of knowledge

What is 'reasonable'?



The majority

Standard response

25% extra time in exams

‘written exams’

Dyslexia in programming?

Needs research

Time management

No extensions for open assessments?



The bad news

Maths is a prerequisite
automatic exclusion?

Lambda



A partial answer?

The screenshot shows a window titled "Lambda Prototype - [Noname1]". The window contains a menu bar with "File", "Edit", "Search", "Show", "Selections", "Tools", "Script", "Options", "Insert", and "Window". Below the menu bar is a toolbar with various icons. The main text area contains the following text:

```
//x+1 / 2 \\ =24  
//x+1 / 2 \\ =24  
  x+1    =48  
x+1=48  
x =48-1  
x=48-1  
x=47|
```

At the bottom of the window, there are three status indicators: "wrap off;", "blocks off;", and "ins;".



The bad news

Maths is a prerequisite
automatic exclusion?

Lambda

Hardware uses colours

Some students have not completed
some have struggled



The good news

MSc and PhD in Computer Science

exceptional student

screen reader software

human readers

braille

supervisor as proof-reader



We cover the spectrum

Diagnosed?

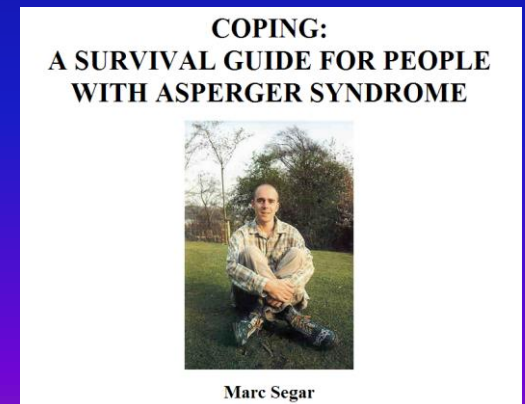
and does it make a difference?

Group work

Stressful situations

A useful resource:

<http://www-users.cs.york.ac.uk/~alistair/survival/>





Negotiated with the student

Agree in writing what is 'reasonable'
from all points-of-view



Computer Science can be accessible to a range of students

- May be attractive to some

- Technology has a part to play

Can be difficult for others

- Visual disabilities

- Maths

Struggle sometimes because not everyone knows what is entailed