What Language Would You Choose?

For a Hard Disk Controller
Needs to be VERY fast & VERY compact
Assembly language is generally the language of choice in this realm

To Debug a New Video Graphics Board
Needs to be very interactive, easy to do simple tasks, easy to modify
Forth might be a good choice here

To Write Device Drivers for a Special Purpose Board
Needs to be Very Standard, easily maintained, fast executing, well accepted by the purchasers of your hardware.
C has become the language of choice in applications like this.

For the controller in a microwave oven?

For the engine control computer in an automobile?

For the Flight Control Systems of a Boeing 777?

The Moral:
No Single Language is 'Best' for all applications

Assembly Language

idad LeftPoint
addd RightPoint
ldx #2
ldiv
stad Goal