

# Challenge

# Logic puzzle

Akiko, Cameron, Hamid, Maxine, and Sandy work at ASD. They all started in different years (1989, 1996, 2002, 2012, 2025). They each have a favourite programming language. One of them loves C, another loves Rust, another Python, another Malbolge, and the other loves Haskell. They each have a different job at ASD. The different jobs that they hold are liaison officer, educator, project manager, software developer, and researcher. Their favourite hobbies are all different. These hobbies are sailing, camping, reading, crosswords, and hockey. And they all studied at different institutions. The institutions are University of Sydney, TAFE Queensland, RMIT, Murdoch University, and The Australian National University. Each completed their qualification before starting at ASD.

### Statements

1. The researcher joined ASD in the previous millennium.
2. Akiko graduated from a university in Canberra in 2000 and started work at ASD not long after that.
3. The person who loves Python also loves word games and joined ASD most recently.
4. The sailing enthusiast loves an esoteric programming language.
5. The software developer is a bookworm.
6. The educator studied in Perth, graduating at age 22 in 2011.
7. Sandy joined ASD over 35 years ago and is enjoying their liaison role.
8. The person who graduated from the University of Sydney joined ASD 29 years after Cameron.
9. Maxine's favourite programming language was released this century.
10. Hamid can complete most cryptic crosswords in less than five minutes.
11. The person who loves hockey graduated from a university in Western Australia.
12. The person whose favourite programming language is Haskell also loves camping.
13. Cameron prefers Malbolge to any other programming language.
14. The person who studied in Melbourne dislikes camping.

Based on the statements above, complete the following table.

Person	Programming language	Tertiary Institute	Hobby	Start year	Job
Akiko					
Cameron					
Hamid					
Maxine					
Sandy					



Fill out this grid to help you solve the puzzle

		Programming Language					Tertiary Institute					Hobby					Start Year					Job				
		C	Rust	Python	Malbolge	Haskell	Uni of Sydney	TAFE Queensland	RMIT	Murdoch Uni	ANU	Sailing	Camping	Reading	Crosswords	Hockey	1989	1996	2002	2012	2025	Liaison officer	Educator	Project manager	Software developer	Researcher
Person	Akiko																									
	Cameron																									
	Hamid																									
	Maxine																									
	Sandy																									
Job	Liaison officer																									
	Educator																									
	Project manager																									
	Software developer																									
	Researcher																									
Start Year	1989																									
	1996																									
	2002																									
	2012																									
	2025																									
Hobby	Sailing																									
	Camping																									
	Reading																									
	Crosswords																									
	Hockey																									
Tertiary Institute	Uni of Sydney																									
	TAFE Queensland																									
	RMIT																									
	Murdoch Uni																									
	ANU																									

Clues and answers can be found on the relevant puzzle page on [www.asd.gov.au](http://www.asd.gov.au)

