

Topic 7: Ethics and Ownership

EAL keyword sheet - Cambridge International AS & A Level Computer Science 9618. Write the word in your own language in the last column.

Keyword	Meaning	Example sentence	In my language
ethics	Moral ideas about right and wrong.	<i>Ethics guide how engineers behave.</i>	
professional body	An organisation that sets standards for people in a job, e.g. BCS, IEEE, ACM.	<i>The BCS is a professional body.</i>	
code of conduct	Rules about how members must behave.	<i>The code of conduct requires honesty.</i>	
public interest	The wellbeing of society as a whole.	<i>Software must be safe for the public interest.</i>	
professional competence	Having the skills and knowledge to do the job well.	<i>Professional competence includes keeping up to date.</i>	
integrity	Being honest and trustworthy.	<i>He acted with integrity.</i>	
copyright	The legal right of a creator to control copying of their work.	<i>Copyright protects software and music.</i>	
software licence	A legal agreement that says how software may be used.	<i>I accepted the licence terms.</i>	
commercial software	Software that you pay for.	<i>Commercial software has a licence fee.</i>	
shareware	Software you can try for free before you pay.	<i>The shareware stops working after 30 days.</i>	
freeware	Software that is free to use but the source code is not shared.	<i>Freeware cannot be modified.</i>	
open source	Software whose source code is freely available to view and change.	<i>Linux is open source.</i>	
free software foundation	Promotes software that users can run, study, change and share.	<i>Free software gives users freedom.</i>	
plagiarism	Copying someone else's work and claiming it as your own.	<i>Plagiarism is a serious offence.</i>	
piracy	Illegally copying or distributing software.	<i>Software piracy is illegal.</i>	

Keyword	Meaning	Example sentence	In my language
artificial intelligence (AI)	Computers doing tasks that normally need human intelligence.	<i>AI raises ethical questions.</i>	
bias	An unfair preference for one group.	<i>AI can show bias if trained on unfair data.</i>	
accountability	Being responsible for your decisions and actions.	<i>Who has accountability when an AI makes a mistake?</i>	
data protection	Laws that control how personal data is collected and used.	<i>Companies must follow data protection laws.</i>	
environmental impact	The effect that technology has on the planet.	<i>Data centres have a large environmental impact.</i>	