

1. **What is a digital footprint?**
 - A specialized type of algorithm for image recognition
 - An online trail of your internet activities
 - A pattern created by a footprint
 - A type of computer virus
2. **Which government agency in the UK deals with identity theft and cybercrime?**
 - Action Fraud
 - Cyber security Authority
 - Identity Protection Agency
 - None of the above
3. **What does a flowchart represent in algorithm design?**
 - Written instructions
 - A list of numbers
 - A visual representation of steps and decisions
 - A computer program
4. **What is identity theft?**
 - Stealing someone's personal information without consent
 - The legal practice of assuming another person's identity for a specific purpose
 - A form of extreme Coplay involving impersonating fictional characters
 - None of the above
5. **Which type of malware spreads quickly through computer networks?**
 - Virus
 - Trojan
 - Worm
 - Ransomware
6. **What is the primary purpose of ransomware?**
 - To improve computer performance
 - To steal personal information
 - To encrypt files and demand a ransom for their release
 - To protect your computer from viruses
7. **How does decomposition help in problem-solving?**
 - By making problems more complicated
 - By solving all parts simultaneously
 - By breaking down complex problems into manageable parts
 - By creating new problems
8. **What is the primary purpose of comparing and evaluating algorithms?**
 - To make the problem more complicated
 - To choose the algorithm with the most steps
 - To select the slowest algorithm
 - To find the most efficient solution for the task
9. **What does "https://" and a lock icon indicate in a website's URL?**
 - The website is not secure
 - The website is for entertainment purposes only
 - The website is safe for making secure transactions
 - The website is blocked
10. **What is the purpose of pseudo code?**
 - To write computer programs
 - To create designs
 - To represent algorithms visually
 - To plan and document step-by-step instructions