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

LIVEWORKSHEETS