Computing concepts

Python Reference · Vocabulary in context

Word	Example
computing /kəmˈpjuːtɪŋ/	**Computing** uses computers to solve problems.
design cycle /dɪˈzaɪn ˈsaɪkl/	The **design cycle** is plan, make, test, improve.
Internet /ˈɪntənet/	The **Internet** connects computer networks all over the world.
network /ˈnetwɜːk/	A **network** connects computers so they can share data.
packet /ˈpækɪt/	Data is split into small parts; each part is a **packet**.
protocol /ˈprəʊtəkɒl/	A **protocol** is a set of rules for sending data.
redundancy /rɪˈdʌndənsi/	Two power supplies give **redundancy**: if one fails, the other works.
fault tolerance /fɒlt ˈtɒlərəns/	**Fault tolerance** means the system keeps working when one part fails.
sequential /siːˈkwenʃl/	In **sequential** processing, tasks run one after another.
parallel /ˈpærəlel/	In **parallel** processing, tasks run at the same time.
core /kɔː/	A four-**core** processor can run four tasks at once.
speedup /ˈspiːdʌp/	A **speedup** of 2 means the task runs twice as fast.
distributed /ˈdɪstrɪbjuːtɪd/	A **distributed** system shares the work across many computers.

Word	Example
digital divide /ˈdɪdʒɪtl dɪˈvaɪd/	The **digital divide** means some people have no computer or internet at home.
bias /ˈbaɪəs/	A program trained on unfair data can show **bias**.
intellectual property /ˌɪntəˈlektʃuːəl ˈprɒpəti/	A song you write is your **intellectual property**.
personal data /ˈpɜːsənl ˈdeɪtə/	Your name and address are **personal data**.
privacy /ˈprɪvəsi/	**Privacy** means people control who sees their information.

exercises.lol exercises.com.cn