

Liebe Auszubildende, mit den folgenden Aufgaben werden Sie selbstständig und selbstverantwortlich lernen. Damit können Sie dazu beitragen, die verlorene Berufsschulzeit auszugleichen. Ihre Ergebnisse senden Sie mir per E-Mail bis Freitag 08.01.2021. Ich werde Ihre Ausarbeitungen bewerten. Bei Fragen wenden Sie sich per E-Mail an mich.

Viel Spaß beim Lernen und herzliche Grüße!

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Computer Security

1. Make backups of important files frequently. Every disk drive in the world will one day fail, losing all data.
2. Protect the computer from fire, flood, and similar hazards. Store backups at a remote location. Remember that the machine can be stolen. An increasing number of computer thieves are after data, not just equipment.
3. It is easy to delete information accidentally. The hazard can be minimized with software that retains original files while altered copies are being made.
4. Can someone come in and alter your records without you knowing it? Bear in mind that large numbers of people know how to use popular business software packages. If possible, use software that keeps record of changes - recording who made it and when – and requires validation, such as a password, to make unusual changes.
5. Some computer crimes have been perpetrated by programmers who did such things as collect all the money that was lost rounding interest payments to the nearest cent. A clever bookkeeping system run by a dishonest programmer can easily conceal abuse.
6. Make sure you know all the possibilities for connecting your computer from elsewhere that you have blocked all access you do not want to allow.
7. A computer password must never be a person's initials, nickname, child's name, birth date etc. nor should it be a correctly spelled word in any language. A common way to crack accounts is to try all the words in a large dictionary as well as all the names and abbreviations that are associated with a person. Also never leave your computer unattended, once you have signed in.
8. Excessive attempts to build security into a computer can easily make the computer so hard to use that productivity is crippled. In the final analysis all computer security depends on human trustworthiness.

1. Read the text on Computer Security and find words and expressions for the following expressions:

1. spare copy in case of breakdown
2. situation, when everything is under water
3. risks
4. process of proving that you are the legitimate user of this computer
5. to hide
6. the first letter of your first and second name
7. shortened form of a word
8. much more than required or necessary

2. Below you find a list of possible headlines. Match each headline with the corresponding paragraph:

Headline

No. Paragraph

Break-ins by modem or network

Computer tampering

Easily guessed passwords

Excessive security measures

Machine failure

Malicious programming

Operator error

Physical hazards

3. Summarize each paragraph in German.