**6) Reading Activity 12.**

1. The Linux operating system is a set of specialized software tools that provide users with access to resources and their distribution among consumers in the most convenient and efficient way.

2. In Linux, there are two main modes of operation of software tools - the kernel mode, or kernel space, and the user, non-kernel mode, or user space.

3. The set of programs running in the nuclear mode is called the kernel, which in Linux consists of a base and objects attached to it - dynamically loadable modules.

4. There is an important difference between how kernel processes and user processes are started: the kernel is started in kernel mode, and user processes are started in user mode.

5. Code running in kernel mode has unlimited access to the processor and RAM.

6. Each zero or one is called a bit.

7. The Linux kernel supports the traditional concept of a Unix system user.

8. Linux uses the same device file scheme as other flavors of Unix.

9. Traditional Unix systems display many diagnostic messages at boot time to inform you of the progress of the boot.

10. Most modern Linux versions try to hide diagnostic messages by using boot screens and boot options.

**Writing Activity 22.**

*Students should bring their own devices to lectures. Do you agree?*

Should students bring their own devices to lectures? I believe that in order to answer this question, we must first ask "does a student need his own devices for lectures?" if a student is studying in a specialty that has a direction to work with some gadgets, then this student should certainly have such a gadget. at least in order to do the homework that the institute gives him. but the university must also have everything necessary for the student to be able to complete the task given to him in the lecture. for example, you are studying at a university with an IT direction. this university must have computer classes in order for you to be able to do some laboratory work. but it may happen that you do not have enough computer and you have to carry out the task in turn with some classmate. but this situation can be avoided if you bring your laptop with you, for example. it seems to me that this option is the most suitable, because this is a student's personal device, he is used to this laptop, it is much easier for him to complete the task on it than on some other PC. therefore, I agree that students should bring their own devices to lectures.