Задание 3

1. Applications software does not communicate directly with computer hardware.
2. It controls the entire operating system and loads into memory other operating system programs as needed.
3. Programs which remains in memory are resident. Programs which are loaded in from disk storage as required are non-resident.
4. Main functions of an operating system:
   1. Manage the computer’s resources
   2. Establish a user interface
   3. Execute and provides services for application software

Задание 4

The user is aware of the effects of different applications programs ***but*** operating systems are invisible to most users. They lie between applications programs, ***such as*** wordprocessing, and the hardware. The supervisor program is the most important. It remains in memory, ***therefore*** it is referred to as resident. Others are called non-resident ***because*** they are loaded into memory only when needed. Operating systems manage the computer's resources, ***such as*** the central processing unit. ***In addition***, they establish a user interface, and execute and provide services for applications software. ***Although*** input and output operations are invoked by applications programs, they are carried out by the operating system.

Задание 5

1. Loading into memory nonresident programs as required is one task of the supervisor program.
2. Communicating directly with the hardware is the role of the operating system.
3. Establishing a user interface is one of the key functions of the operating system.
4. Providing services for applications software is an additional role.
5. Supporting multiple programs and users is part of the work of mainframe operating systems.
6. Facilitating interaction between a single user and a PC is the task in most cases.
7. Processing large amounts of data quickly is one of the most important functions of a computer.
8. Allowing the computer to process data faster is the main reason for installing more memory.

Задание 6

1. Don't switch off without closing down your PC.
2. I want to upgrade my computer.
3. He can't get used to logging on with a password.
4. You can find information on the Internet by using a search engine.
5. He objected to paying expensive telephone calls for Internet access.
6. He tried to hack into the system without knowing the password.
7. You needn't learn how to program in HTML before designing webpages.
8. I look forward to inputting data by voice instead of using a keyboard.