3.2 Describe the actions taken by a kernel to context-switch between processes ?

1）Suspend a process, save the context, including the program counter and other registers.

2）Update the PCB (Process Control Block) information.

3）Move the process's PCB to the corresponding queue, such as the ready queue or a queue for processes blocked on some event.

4）Select another process to execute and update its PCB.

5）Jump to the location indicated by the program counter in the PCB of the new process and execute.

6）Restore the machine context.