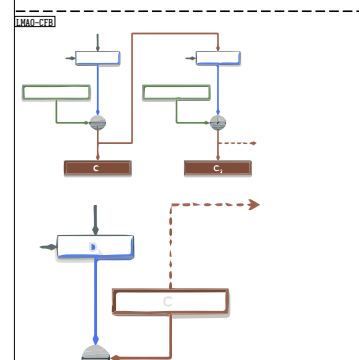
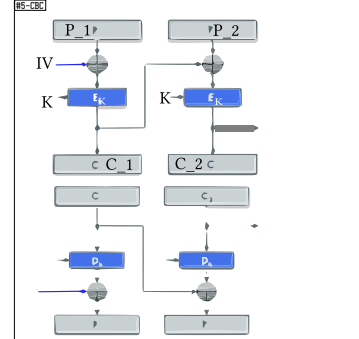
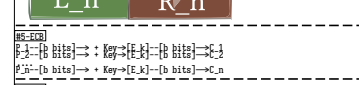
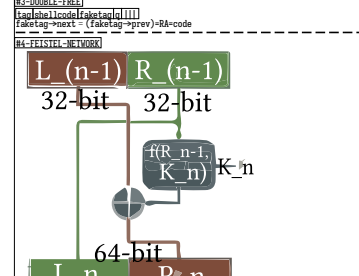
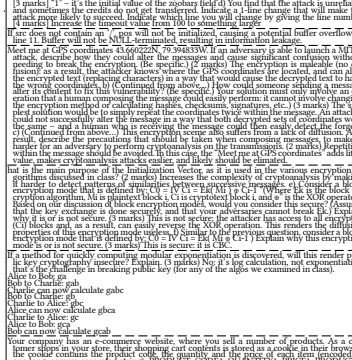
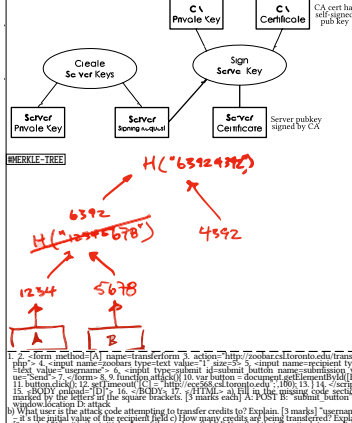
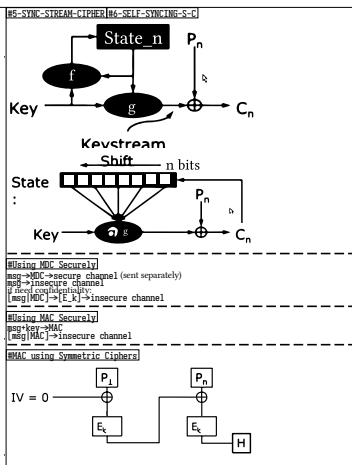



```
# Stack Smash-3v3.c
#include <stdio.h>
#include <string.h>
int main(int argc, char *argv[]) {
    if (argc < 2) {
        printf("Usage: %s <buffer>\n", argv[0]);
        return 1;
    }
    char *buffer = argv[1];
    int i;
    for (i = 0; i < strlen(buffer); i++) {
        printf("%c", buffer[i]);
    }
}
```



4. What type of cryptographic mechanism was discovered, and what was the key to its discovery? Explain. (3 marks) ...



5. You are asked to design a communication protocol that will allow a server to securely transmit a message to a client over an insecure channel. ...

6. You observe an attacker sending the following string to a program: ...

7. How is a double fault attack similar to a format string vulnerability and different from it? ...

8. How is a double fault attack similar to a format string vulnerability and different from it? ...

9. How is a double fault attack similar to a format string vulnerability and different from it? ...

10. How is a double fault attack similar to a format string vulnerability and different from it? ...

11. How is a double fault attack similar to a format string vulnerability and different from it? ...

12. How is a double fault attack similar to a format string vulnerability and different from it? ...

13. How is a double fault attack similar to a format string vulnerability and different from it? ...

14. How is a double fault attack similar to a format string vulnerability and different from it? ...

15. How is a double fault attack similar to a format string vulnerability and different from it? ...

16. How is a double fault attack similar to a format string vulnerability and different from it? ...