1) (8 pts) Answer three of the four multiple choice questions.

a. Which of the following languages is most vulnerable to a buffer overflow exploit?
   i. Java
   ii. Ruby
   iii. C
   iv. OCaml

b. If you are using user input as a path to retrieve a file, how can you whitelist the input to avoid exploits?
   i. Reject input strings that contain problematic characters
   ii. Delete problematic characters from input strings
   iii. Escape problematic characters from input strings
   iv. Only accept paths to existing files

c. Which of the following is not considered a good security practice?
   i. Limiting user privilege
   ii. Obfuscating security flaws
   iii. Sandboxing system components
   iv. Defaulting to secure fail-safes

d. Prepared statements are typically used to fight which of following attacks?
   i. Buffer overflows
   ii. XSS attacks
   iii. Rubber-Hose cryptanalysis
   iv. Command Injection
2) (7 pts) Write a recursive rule called sublist that given a list and two numbers returns the sub list between those indices. See the example for how sublist should function. You may use helper functions and assume proper input.

?- sublist([4,2,3,1],0,0,R).  ?- sublist([5,4,7,6],0,2,R).  ?- sublist([8,3,7,4,3],1,4,R).