C++ Exercises Set1

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To transform multiple NTBSs into one RSL and provide a rule when a delimiter needs to be used.

Listing 1: rsl.cc

Output:

```
^\s+Encryption key:(\w+)
^\s+Quality=(\d+)
^\s+E?SSID:"([[:print:]]+)"
^\s+ssid="([[:print:]]+)"
```

The R''(...)" form cannot be used when dealing with conflicting or nested delimiters, such as in this case. Therefore we use the R''RSL(...)RSL'' form to avoid conflict within the string.

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To write a program that initialises a size_t value field using a bit-fields struct and a union.

Listing 2: bitfield.cc

Output: c0ffeecafe