- 1. 解題說明:基本上就是照題目打
- 2. 效能分析:時間複雜度2的n次方。空間複雜度2的n次方記憶體容量
- 3. 測試與驗證
- 4. 申論及心得:題目相對簡單

```
Current File
               cout << subset[i] << " ";</pre>
          cout << "} ";
      }
  11
  12
  13 void generatePowerset(char set[], char subset[], int n, int index, in
          if (index == n) {
              printSubset(subset, subsetSize);
              return;
          }
          generatePowerset(set, subset, n, index + 1, subsetSize);
          subset[subsetSize] = set[index];
          generatePowerset(set, subset, n, index + 1, subsetSize + 1);
  26 void powerset(char set[], int n) {
          char subset[n];
          generatePowerset(set, subset, n, 0, 0);
  31 int main() {
          char \( \( \)[ \) = \{ 'a', 'b', 'c' \};
          int n = sizeof(S) / sizeof(S[0]);
          cout << "Powerset of S: ";</pre>
          powerset(S, n);
          return 0;
  39 }
→ ,^ =
Powerset of S: { } { c } { b } { b c } { a } { a c } { a b } { a b c }
...Program finished with exit code 0
Press ENTER to exit console.
```