Hullman imput: YÁ BB À BÁ BÁ BÁ BÁ BÓ Tap 1) b) 2 min frag nodes a) Freg. Tall: node: b) moder: 2) a) Freg table D: 3 mode: 3 5) Mode 2 3) altreg table 6) 4:1110 A:6 mode1:6 0:1111 1:110 4) a) Freg table b) node 3 A:10 B:6 node2:12 } B: 0 =) 1110, 10, 0, 0, 10. 110. 10. 0.0. 10. 11 10.00.10.110, 1111, 1111

ABABABABABCABCABCSAC 2. F.t. nocle 2 mode: 5 B:6 3. F.T. A:7 mode 2:11

3. LZW YABBA DABBA DABBA DOO input: 11 I'll write You y but consider it uppercase Table 10. JASBA SPEACE DABBA 500 1.04/ A:65 · BV B:66 · YAX -> prant 89 ·BBAX -> Print 258 1:68 2. XABBADABBA DABBADOO 0:79 11. YABBE DAGRE DAGRA DOO Y: 89 · ABX -> phial 65 YA: 256 ·ANV · 450X -> phint 260 3. XBBA DABBA DABBA DOO AB:257 12. YABBH BASSA TABBA YOU BB:258 · BB X -> phial 66 BA:259 00 X -> print 79 AD: 260 4. XXXBADABBADABBADOO DA: 261 13. XHRANAX NAISANA DAISAN DOO ·BV ABB: 262 · BAX -> prime 66 0 / -> print 79 BAD: 263 5. YORGA DABBA DABBA DOO DAB : 264 BBA: 265 Output codes · ADX - print 65 Aso: 266 6 YARBA DABBA DOO 89 65 66 66 65 68 257 259 · DAX -> print 68 258 260 79 79 7. JABBA WABBA BARAA BOO OA V · ABBX -> print 257(AB) 8. JABBA DEBBA DABBA DOO · B V · BAV · BAS X -> Print 259 Y DESSE MARKE NARRY DOO . DAGX -> Print 261

```
LZW
 imput: YASXYAGYASXYASYASYASG
 Table
                 · yAX -> print 89
  *-42
 A-65
                2. XASX YAGY ASX YAS Y AS YASG
 6-71
                 · ASX - print 65
 5-83
 y - 89
                3. XXXX YAC YASX YASYAS YASG
YA-256
                 ·SXX > print 83
AS-257
                4. JASX YAG YASXYAS YAS YAS G
SX - 258
xy -259
                  * yx -> print 42
YAG - 260
                5. YASKYAGYAS XYAS YASYASG
Gy -261
YAS-262
                   YAGX -> Print 256
5 xy - 263
YASY - 264
                6. JASX JAG YASX YAS YAS YAS G
YASYA-265
                  · Gy X -> print 71
ASGX-266
                4. Your YAS YAS YAS YAS YAS G
                   · yasx -> print 256
                 8. YASAYACYAS XYASYAS YASG
                    · S* y x -> print 258
                 9. YASXYASYASXYASYASYASC
                    ·yy
                    , yAS V
                     · yASY X-> Print 262
                  10. JOSETHE GAS * JASYAS YASG
                      ·yAV
                      · YAS /
                      · YASYAX -> print 264
```

```
11. YOSKYAGASKYAS 238845 6
 ·ASV
 ·ASGX -> prum / 257
12. JASKYACYASKYASYASYASG
  GJ -> print 41
Outpul
               256
   65 83 42
              264
                    25771
    258 262
```

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