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CSCI 112 - Lab 2

Convert to ASCII:

1) Be Happy forever =
```
 B  e  SP  H  a  p  p  y  SP  f  o  r  e  v  e  r
42 65 20 48 61 70 70 79 20 66 6F 72 65 76 65 72  #
```

2) "What a wonderful Day!"
```
= 22 57 68 61 74 20 61 20 77 6F 6E 64 65 72 66 75 6C 20 44 61 79 21 22
  "  W  h  a  t  SP a  SP w  o  n  d  e  r  f  u  l  SP D  a  y  !  "  #
```

3) Is ABC far from XYZ?
```
= 49 73 20 41 42 43 20 66 61 72 20 66 72 6F 6D 20 58 59 5A 3F
  I  s  SP A  B  C  SP f  a  r  SP f  r  o  m  SP X  Y  Z  ?  #
```

4) 20 + 35 = 55
```
= 32 30 2B 33 35 3D 35 35
  2  0  +  3  5  =  5  5  #
```

Decode ASCII:

1)
```
53 74 61 72 74 20 57 61 72 73 21 20 32 30 32 31
S  t  a  r  t  SP W  a  r  s  !  SP 2  0  2  1  #
```

2)
```
35 39 37 2E 33 32
5  9  7  .  3  2  #
```

3)
```
49 44 23 20 30 30 37 2D 39 38 37 36 31 32 33
I  D  #  SP 0  0  7  -  9  8  7  6  1  2  3  #
```

4)
```
57 65 6C 63 6F 6D 65 20 42 61 63 6B 20 74 6F 20 43 53
55 46 21
```
```
W  e  l  c  o  m  e  SP B  a  c  k  SP t  o  SP C  S  U  F  !  #
```