CYBER CHALLENGES

>decode_the_binary

Decode the binary Unicode into text using the Binary Unicode Alphabet table provided. Each 5-digit code represents a letter according to its numbered position in the alphabet. Use the chart below to match the 5-digit code to a letter to decipher the message.

10011 00101 00011 10101 10010 00101 00000

00011 11001 00010 00101 10010 10011 10000 00001 00011 00101

Answer:

___ ___ ___ ___ ___ ___

___ ___ ___ ___ ___ ___ ___ ___ ___ ___

Binary Unicode Alphabet:

1	A	00001	14	N	01110
2	B	00010	15	O	01111
3	C	00011	16	P	10000
4	D	00100	17	Q	10001
5	E	00101	18	R	10010
6	F	00110	19	S	10011
7	G	00111	20	T	10100
8	H	01000	21	U	10101
9	I	01001	22	V	10110
10	J	01010	23	W	10111
11	K	01011	24	X	11000
12	L	01100	25	Y	11001
13	M	01101	26	Z	11010

>hack_the_password

Use the clues below to determine the 6-letter password. The Letter Match indicates the number of letters from the given word that can be found in the password. The Position Match or "Likeness" indicates an exact position match of that letter in the password. If there is Likeness 0, then there are no position matches, but there are letter matches. Once the 6 letters are determined, unscramble them to hack the password!

Word:	Letter Match:	Position Match:
HACKER	2/6	Likeness 0
DOMAIN	3/6	Likeness 2
CONFIG	4/6	Likeness 0
DESIGN	3/6	Likeness 3
PYTHON	2/6	Likeness 2
FOLDER	**4**/6	Likeness 0
BEACON	4/6	Likeness 4

Answer: ___ ___ ___ ___ ___ ___

Helpful Hint:

If the solution is "MODEMS", then the work "MODULE" would have a Letter Match 4/6 and a Likeness

Fun Fact!

Did you know some cyber attacks use programs to decode passwords? This game shows the importance of not only variation, but also length of a password. The more random characters used, the stronger the password will be!