

19

Cipher II : What is it?

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```
0100111001010110010000110101010001000110010001000101
0110001000000100101101000110001000000100101001001100
0100010101011010010001010101001001001011010100100100
1010001000000101001001000101010101010010000001001011
0100011001010101010100100101000000100000010110100100
1010001000000101001000100000010110000100011001000110
0101010100100000010101010101001001010000001000000101
0010010001010101010100100000010100100100110001001011
0101100101000010010101100101000000100000010110100100
1010001000000100011101000011010100100101101001010101
0101010001001011010101110101101001001010010011010101
0110010010010101000001011001010100100100100101010101
```

문제를 보면 이진수로 된 숫자들이 있다.

18번 문제를 풀었던 것 처럼 이를 텍스트로 변환해보았다.

```
0100111001010110010000110101010001000110010001000101
0110001000000100101101000110001000000100101001001100
0100010101011010010001010101001001001011010100100100
1010001000000101001001000101010101010010000001001011
0100011001010101010100100101000000100000010110100100
1010001000000101001000100000010110000100011001000110
01010101001000000101010101001001010000001000000101
0010010001010101010100100000010100100100110001001011
0101100101000010010101100101000000100000010110100100
1010001000000100011101000011010100100101101001010101
0101010001001011010101110101101001001010010011010101
0110010010010101010000010110010101001001001001010101
```

binary numbers to text

NVCTFDV KF JLEZERKRJ REU KFURP ZJ R XFFU URP REU RLKYBVP ZJ
GCRZUTKWZJMVIPYRIU

<http://www.unit-conversion.info/texttools/convert-text-to-binary/>

알 수 없는 영어 문장이 나온다. 암호화된 문자열인 것 같다.

base 64, MD5, SHA 등은 띄어쓰기도 암호화한다고 한다. 따라서 이 방식들은 아닌 걸 알 수 있다.

찾아보니 영문에 띄어쓰기가 포함된 암호문을 보면 보통 치환암호, 카이사르(시저) 암호라고 추측하고 푸는 경우가 많은 것 같다.

카이사르 암호를 복호화하면

Please enter the text to rotate: NVCTFDV KF JLEZERKRJ REU KFURP ZJ R XFFU URP

☐ Rotate numbers as well

Rotate

ROT-0: NVCTFDV KF JLEZERKRJ REU KFURP ZJ R XFFU URP REU RLKYBVP ZJ GCRZUTKWZJMVIPYRIU
 ROT-1: OWDUGEW LG KMFAFSLK SFV LGVSQ AK S YGGV VSQ SFV SMLZCWQ AK HDSAVULXAKNWJQZSJV
 ROT-2: PXEVHFX MH LNGBGTMTL TGW MHWTR BL T ZHHW WTR TGW TNMADXR BL IETBWVMBLOXKRATKW
 ROT-3: QYFWIGY NI MOHCHUNUM UHX NIXUS CM U AIIX XUS UHX UONBEYS CM JFUCXWNZCMPYLSBULX
 ROT-4: RZGXJHZ OJ NPIDIVOVN VIY OJYVT DN V BJY YVT VIY VPOCFZT DN KGVDYXOADNQZMTCVMY
 ROT-5: SAHYKIA PK OQJEJWPWO WJZ PKZWU EO W CKKZ ZWU WJZ WQPDGAU EO LHWEZYPBEORANUDWNZ
 ROT-6: TBIZLJB QL PRKFXXQXP XKA QLAXV FP X DLLA AXV XKA XRQEHV FP MIXFAZQCFCPSBOVEXOA
 ROT-7: UCJAMKC RM QSLGLYRYQ YLB RMBYW GQ Y EMMB BYW YLB YSRFICW GQ NJYGBARDGQTCPWFPYB
 ROT-8: VDKBNLD SN RTMHMZSR ZMC SNCZX HR Z FNNC CZX ZMC ZTSGJDX HR OKZHCBEHRUDQXGZQC
 ROT-9: WELCOME TO SUNINATAS AND TODAY IS A GOOD DAY AND AUTHKEY IS PLAIDCTFISVERYHARD
 ROT-10: XFMDPNF UP TVOJOBUBT BOE UPEBZ JT B HPPE EBZ BOE BVUILFZ JT QMBJEDUGJTWFSZIBSE
 ROT-11: YGNEQOG VQ UWPKPCVCU CPF VQFCA KU C IQQF FCA CPF CWVJMGA KU RNCKFEVHKUXGTAJCTF
 ROT-12: ZHOFRPH WR VXQLQDWDV DQG WRGDB LV D JRRG GDB DQG DXWKNHB LV SODLGFILVYHUBKDUG
 ROT-13: AIPGSQI XS WYRMREXEW ERH XSHC MW E KSSH HEC ERH EYXLOIC MW TPEMHGXJMWZIVCLEVH
 ROT-14: BJQHTRJ YT XZSNSFYFX FSI YTIFD NX F LTTI IFD FSI FZYMPJD NX UQFNIHYKNXAJWDMFWI
 ROT-15: CKRIUSK ZU YATOTGZGY GTJ ZUJGE OY G MUUJ JGE GTJ GAZNQKE OY VRGOJIZLOYBKXENGXJ
 ROT-16: DLSJVTL AV ZBUPUHAHZ HUK AVKHF PZ H NVVK KHF HUK HBAORLF PZ WSHPKJAMPZCLYFOHYK
 ROT-17: EMTKWUM BW ACVQVIBIA IVL BWLIG QA I OWWL LIG IVL ICBPSMG QA XTIQLKBNQADMZGPIZL
 ROT-18: FNULXVN CX BDWRWJCB JWM CXMJH RB J PXXM MJH JWM JDCQTNH RB YUJRMICORBENAHQJAM
 ROT-19: GOVMYWO DY CEXSXKDKC KXN DYNKI SC K QYYN NKI KXN KEDRUOI SC ZVKSNDPSCFOBIRKBN
 ROT-20: HPWNZXP EZ DFYTYELD LYO EZOLJ TD L RZZO OLJ LYO LFESVPJ TD AWLTONEQTDGPCJSLCO
 ROT-21: IQXOAYQ FA EGZUZFME MZP FAPMK UE M SAAP PMK MZP MGFTWQK UE BXMUPOFRUEHQDKTMDP
 ROT-22: JRYPBZR GB FHAVANGNF NAQ GBQNL VF N TBBQ QNL NAQ NHGUXRL VF CYNVQPGSVFIRELUNEQ
 ROT-23: KSZQCAS HC GIBWBOHOG OBR HCROM WG O UCCR ROM OBR OIHVYSM WG DZOWRQHTWJGJSMVOFR
 ROT-24: LTARDBT ID HJCXCIPIH PCS IDSPN XH P VDDS SPN PCS PJWZTN XH EAPXSRIUXHKTGNWPGS
 ROT-25: MUBSECU JE IKDYDQJQI QDT JETQO YI Q WEET TQO QDT QKJXAUO YI FBQYTSJVYILUHOXQHT

<http://theblob.org/rot.cgi>

ROT-9(복호키 9)에 평문이 존재하는 걸 찾아볼 수 있다.

I N P U T A U T H K E Y

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SUBMIT

suninatas.com 내용:

Congratulation, You have solved Challenge 19!

확인