

ABAP20 LS Zadání č. 300

Jméno: Miroslav Smutny (101)

Datum zadání: 25.05.2016

Datum odevzdání: 31.12.2016

Pokyny:

Vzorový výstup aplikace Cypher do pdf.

Úloha 1:

TOTOJECVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJE
CVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHER

(Algoritmus: 01 - Jednoduchý posun [a=16])

JEJEZUSLYDEJULUDJUNJFHEUBOJUIJELDFHEWHQCKSOFXUHJEJEZU
SLYDEJULUDJUNJFHEUBOJUIJELDFHEWHQCKSOFXUH

Úloha 2:

TOTOJECVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJE
CVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOT
EVENTEXTPROELYTESTOVNPROGRAMUCYPHER

(Algoritmus: 04 - Playfair [key=PASSWORD V->U])

ZPZPQJDYNYPZDZCQZRYURFEJN UZRPXAZKWEPFDSLYDTWJBFPPZ
EQREYGQWZRZDKYBZPREPDQZUB OZPYLRFAJDPLXIWSFRDZPZPQJ
DYNYPZDZCQZRYURFEJNUZRPXA ZKWEPFDSLYDTWJBBT

Úloha 3:

TOTOJECVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJE
CVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOT
EVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOTEVENTE

XTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOTEVENTEXTPROE
LYTESTOVNPROGRAMUCYPHER

(Algoritmus: 05b - Beaufortova šifra
[key=PASSWORDHE])

EOBWNQLSBJZTMDIZCBQPARWMPKCBLPZVVXVAPOTIFCGXLQAQHPZJM
KZUWLMAGEVBIJCMKKPLGBIECLOJARWOVMVRVUAHMZXACL CANVQVSF
NSXJEEFBTDXBUEEEABSHWMKKRRIUYOHMAACTWBSVNZO EYOBMZQWQX
TEPZWIXHQXOEODVTDXDKWXUKGTTNOMKEORMGHRKHPPVMVXQGQINZE
TGXQBQHRYPZWKDJJNYJPPMV

Úloha 4:

TOTOJECVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHER
(Algoritmus: 07 - Transpozice, pevná perioda[d=5,
p=35412])

TJOTOVNIECEEVOTETXNTOLEPRETSYTNRPOVRMAOGYHPUCxxxER

Úloha 5:

TOTOJECVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJE
CVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOT
EVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOTEVENTE
XTPROELYTESTOVNPROGRAMUCYPHER
(Algoritmus: 11 - RSA [e=331, m=48863, p=373, q=131
velikost bloku 5])

07224	25067	34697	05758	10619	25410	41966	13696
12295	13061	26543	24904	09523	41550	21512	14804
33436	13696	12295	15437	47505	22697	04267	13404
44512	30395	03297	25784	32572	06659	15487	05146

48758 22143 13419 41902 28100 37758 15515 37499
08990 32118 46845 04643 43526 08174 28834 02169
32572 37499 40968 13898 17987 13533 21512 07888
47798 41379 44200 02803 06359 35926 39033 22143
16543 41836 09045 46254 44713 46577 19625 33412
28946 03494 18827 27796 37983 27388 17295 41943
19625 44127 20336 23869 40696 08174 02314 44660
34707 15719 27048 00569 35916 17225 16543 42656
02314 22907 40786 22328 23503 25067 28479 38746
40696 26434 46433 02433 43347 11564 42847 25067
28479 30631 06670 28648 37983 27388 29115 27300
24675 18891 36920 46005 18827 35950

Úloha 6:

TOTOJECVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJE
CVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOT
EVENTEXTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOTEVENTE
XTPROELYTESTOVNPROGRAMUCYPHERTOTOJECVINOTEVENTEXTPROE
LYTESTOVNPROGRAMUCYPHERTOTOJECVINOTEVENTEXTPROELYTEST
OVNPROGRAMUCYPHERTOTOJECVINOTEVENTEXTPROELYTESTOVNPRO
GRAMUCYPHERTOTOJECVINOTEVENTEXTPROELYTESTOVNPROGRAMUC
YPHERTOTOJECVINOTEVENTEXTPROELYTESTOVNPROGRAMUCYPHER
(Algoritmus: 12 - Baby Rijndael, CBC mode, key=PA,
initialization vector=0x09b4)

83cfe9d5d322b79c6454848668cdd58f90741f6b673d82c4ae6fe
86ef0fdf079319b230bc91e4401f21682a2a269a8eda081a49c46
71a3703a763aa3908f4263e62ef456723dde46fa699cd7e750b36
55b1ceab3c17889838f24d337e730d1a3574df9490d485a069506
9990c0f0e405f8d6e0c6d0c1a127a1108ba075d081d399b96ca46

