

PART 2

A=1

B=2

C=3

D=4

E=5

F=6

G=7

H=8

I=9

J=10

K=11

L=12

M=13

N=14

O=15

P=16

Q=17

R=18

S=19

T=20

U=21

V=22

W=23

X=24

Y=25

Z=26

I LOVE CRYPTOGRAPHY = 9,12,15,22,5,3,18,25,16,20,15,7,18,1,8,25

9,12,15,22,5,3,18,25,16,20,15,7,18,1,8,25 = I LOVE CRYPTOGRAPHY

PART 3

- 1.** Research major cybersecurity breaches over the past 20 years and pick one to write a short essay on.
- 2.** Give an overview of what the breach was and the motivations behind it.
- 3.** Explain where the “tech flaws” were, and how hackers were able to breach their system.
- 4.** What has the company done to protect against that vulnerability since?
 1. Yahoo was being acquired by Verizon around December, 2016. Less than a year later Yahoo announced that 3 billion accounts had been exposed.
 2. Motivations included hackers obtaining user credentials and then perform actions on behalf of their victims.
 3. Yahoo believes the hackers accessed user information through forged cookies.
 4. Yahoo has since created and encouraged their users to use “yahoo account key” which is an authentication tool, removing the need for passwords on external devices altogether.

<https://www.nytimes.com/2016/12/14/technology/yahoo-hack.html>