Harsahbaj Singh146457221 hsna27@mySeneca.ca  
Click or tap here to enter text.

Song : Clouds

Artist: Rocco

Release year: 2021

I fell in love

There's no stopping now

See my head's in the clouds

And I'm not coming down for a while

So keep me company

Can't get enough of me

Happened so suddenly

There's nothing underneath

I fell in love

There's no stopping now

See my head's in the clouds

And I'm not coming down for a while

So keep me company

Can't get enough of me

Happened so suddenly

There's nothing underneath

I get

Caught in my fantasies in my fantasies

Yeah my head's in the clouds

There's nothing under me

Nothing under me yeah yeah

I fell in love

There's no stopping now

See my head's in the clouds

And I'm not coming down for a while

So keep me company

Can't get enough of me

Happened so suddenly

There's nothing underneath

I fell in love

There's no stopping now

See my head's in the clouds

And I'm not coming down for a while

So keep me company

Can't get enough of me

Happened so suddenly

There's nothing underneath

2.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| token | replace character string | Length | *n* | Savings: Length × n  – 1 - Length – n | |
| ! | and | 4 | 4 | 7 |  |
| @ | can't | 6 | 4 | 13 |  |
| # | clouds | 7 | 5 | 22 |  |
| $ | coming | 7 | 4 | 16 |  |
| % | company | 8 | 4 | 19 |  |
| & | down | 5 | 4 | 10 |  |
| \* | enough | 7 | 4 | 16 |  |
| ( | fantasies | 10 | 2 | 7 |  |
| ) | fell | 5 | 4 | 10 |  |
| \_ | for | 4 | 4 | 7 |  |
| + | get | 4 | 5 | 10 |  |
| = | happened | 9 | 4 | 22 |  |
| 1 | head's | 7 | 5 | 22 |  |
| 2 | i'm | 4 | 4 | 7 |  |
| 3 | in | 3 | 11 | 18 |  |
| 4 | keep | 5 | 4 | 10 |  |
| 5 | nothing | 8 | 6 | 33 |  |
| 6 | stopping | 9 | 4 | 22 |  |
| 7 | suddenly | 9 | 4 | 22 |  |
| 8 | underneath | 11 | 4 | 28 |  |
| 9 | there's | 8 | 9 | 54 |  |
| 0 | while | 6 | 4 | 13 |  |
| Total original Characters (with spaces) count from Word doc | | 906 |  |  |  |
| Total dictionary and compressed text Characters (with spaces) | | 364 |  |  |  |
| Difference in totals | | 542 |  | 394 | Total characters saved from above calcs |
| original and saved | | 40% |  | 43% |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

3.

|  |  |
| --- | --- |
| token | replace character string |
| ! | and |
| @ | can't |
| # | clouds |
| $ | coming |
| % | company |
| & | down |
| \* | enough |
| ( | fantasies |
| ) | fell |
| \_ | for |
| + | get |
| = | happened |
| 1 | head's |
| 2 | i'm |
| 3 | in |
| 4 | keep |
| 5 | nothing |
| 6 | stopping |
| 7 | suddenly |
| 8 | underneath |
| 9 | there's |
| 0 | while |

song : #

artist: rocco

release year: 2021

i ) 3love

9 no 6now

see my 1 3the #

!2 not $ & \_ a 0

so 4me %

@+ \* of me

= so 7

9 58

i ) 3love

9 no 6now

see my 1 3the #

!2 not $ & \_ a 0

so 4me %

@+ \* of me

= so 7

9 58

i +

caught 3my (3my (

yeah my 1 3the #

9 5under me

5under me yeah yeah

i ) 3love

9 no 6now

see my 1 3the #

!2 not $ & \_ a 0

so 4me %

@+ \* of me

= so 7

9 58

i ) 3love

9 no 6now

see my 1 3the #

!2 not $ & \_ a 0

so 4me %

@+ \* of me

= so 7

9 58

4. song : clouds

artist: rocco

release year: 2021

i fell in love

there's no stopping now

see my head's in the clouds

and i'm not coming down for a while

so keep me company

can't get enough of me

happened so suddenly

there's nothing underneath

i fell in love

there's no stopping now

see my head's in the clouds

and i'm not coming down for a while

so keep me company

can't get enough of me

happened so suddenly

there's nothing underneath

i get

caught in my fantasies in my fantasies

yeah my head's in the clouds

there's nothing under me

nothing under me yeah yeah

i fell in love

there's no stopping now

see my head's in the clouds

and i'm not coming down for a while

so keep me company

can't get enough of me

happened so suddenly

there's nothing underneath

i fell in love

there's no stopping now

see my head's in the clouds

and i'm not coming down for a while

so keep me company

can't get enough of me

happened so suddenly

there's nothing underneath

5.Didn’t had to make much modifications just had some spacing issues in some words but solved it by adding spaces to all

6.  
A screenshot of a computer program

Description automatically generated with medium confidence

7.parrot.gif

Parrot.jpg

Pdf files and docx files

Were compressed the least

Because gif and jpg follow lossy  
 compression meaning they decreases the quality of the original file

Pdf and docx are lossless and already have compressed data.

8.The files with highest ratios are .txt and .xls

These type of files are in the highest quality as compared to .xlsx or .docx which compress very less. And as .txt and .xls are full quality files they compress the most.

9.I have kept my backup in the onedrive   
A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

10.My backup routine should’ve been to backup my data daily before closing or logging out of my laptop to both online and offline backup storages like synchronised online backup would help me in getting the latest backup while the asynchronized backup would help me in not getting my files lost accidently as if I delete it from my laptop it would be deleted from the online backup too while the physical backup like a pendrive would also help me in getting back my last updated data.

11. With the 3-2-1 backup routine

I would keep a backup of my file on the synchronised one drive

,Asynchronized google drive and thirdly on a pen drive

So the first backup would be updated daily automatically.

The second backup would be updated weekly manually by me.

The third backup being in a geographically different location would have the least amount of updates like biweekly but it would also have the work which would be the most original.

12.As my laptop is lost but with the one drive synchronized backup I could work on the latest backup giving me a start ahead

I would log into some other device with my one drive account and with the file on that account I will update my google drive and my pendrive backup to not accidently lose it again.

13.This all could take a lot of time teaching me to always work with backup and if I have a big assignment tomorrow then unfortunately I AM DOOMED.