

1. Usage - Help

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ls
MP3_edit.c MP3_header.h MP3_main.c MP3_view.c a.out sample.mp3
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out --help
```

```
-----
usage: mp3tag -[taAyCc] "value" file1
      mp3tag -v
-t    Modifies a Title tag
-a    Modifies an Artist tag
-A    Modifies an Album tag
-y    Modifies a Year tag
-C    Modifies a Content tag
-c    Modifies a Comment tag
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$
```

2. Usage - View MP3 Tag Info's

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -v sample.mp3
```

```
sample.mp3 is a MP3 file
```

```
-----  
MP3 Tag Reader and Editor for ID3v2  
-----
```

Title	:	Sunny Sunny - Yo Yo Honey Singh - [SongsPk.CC]
Artist	:	Yo Yo Honey Singh - [SongsPk.CC]
Album	:	Yaariyan
Year	:	2013
Content	:	Bollywood Music - [SongsPk.CC]
Comment	:	eng

```
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$
```

3. Usage - Edit MP3 Tag Info's

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e -t "Bollywood Song" sample.mp3
```

```
-----Select Edit option-----  
-----Select Title change option-----  
Title      :      Bollywood Song  
-----Title changed successfully-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e -y 2025 sample.mp3
```

```
-----Select Edit option-----  
-----Select Year change option-----  
Year       :      2025  
-----Year changed successfully-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e -c Hindi sample.mp3
```

```
-----Select Edit option-----  
-----Select Comment change option-----  
Comment    :      Hindi  
-----Comment changed successfully-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -v sample.mp3
```

```
sample.mp3 is a MP3 file
```

```
-----  
MP3 Tag Reader and Editor for ID3v2  
-----
```

```
Title      :      Bollywood Song  
Artist     :      Yo Yo Honey Singh - [SongsPk.CC]  
Album      :      Yaariyan  
Year       :      2025  
Content    :      Bollywood Music - [SongsPk.CC]  
Comment    :      Hindi  
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ |
```

4. Usage – Error Handling

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out
```

```
-----  
Error: ./a.out : INVALID ARGUMENTS
```

```
USAGE:
```

```
To get help please pass like      : ./a.out --help
```

```
To view please pass like         : ./a.out -v mp3filename
```

```
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename  
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -t sample.mp3
```

```
-----  
Error: ./a.out -t sample.mp3 : INVALID ARGUMENTS
```

```
USAGE:
```

```
To get help please pass like      : ./a.out --help
```

```
To view please pass like         : ./a.out -v mp3filename
```

```
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename  
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -v
```

```
-----  
Error: ./a.out -v : INVALID ARGUMENTS
```

```
USAGE:
```

```
To get help please pass like      : ./a.out --help
```

```
To view please pass like         : ./a.out -v mp3filename
```

```
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename  
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -v sample.txt
```

```
-----  
Error: ./a.out -v sample.txt : INVALID ARGUMENTS
```

```
USAGE:
```

```
To get help please pass like      : ./a.out --help
```

```
To view please pass like         : ./a.out -v mp3filename
```

```
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename  
-----
```

```
sample.txt File is not present
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -v sample.mp3 hello
```

```
-----  
Error: ./a.out -v sample.mp3 hello : INVALID ARGUMENTS
```

```
USAGE:
```

```
To get help please pass like      : ./a.out --help
```

```
To view please pass like         : ./a.out -v mp3filename
```

```
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename  
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e sample.mp3
```

```
-----  
Error: ./a.out -e sample.mp3 : INVALID ARGUMENTS
```

```
USAGE:
```

```
To get help please pass like      : ./a.out --help
```

```
To view please pass like         : ./a.out -v mp3filename
```

```
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename  
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e -t sample.mp3
```

```
-----  
Error: ./a.out -e -t sample.mp3 : INVALID ARGUMENTS
```

```
USAGE:
```

```
To get help please pass like      : ./a.out --help
```

```
To view please pass like         : ./a.out -v mp3filename
```

```
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename  
-----
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e -w 2025 sample.mp3
```

```
-----  
Error: ./a.out -e -w 2025 sample.mp3 : INVALID ARGUMENTS
```

```
USAGE:
```

```
To get help please pass like      : ./a.out --help
```

```
To view please pass like         : ./a.out -v mp3filename
```

```
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename  
-----
```



```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e -y 2025 sample.txt
-----
Error: ./a.out -e -y 2025 sample.txt : INVALID ARGUMENTS
USAGE:
To get help please pass like      : ./a.out --help
To view please pass like         : ./a.out -v mp3filename
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename
-----

sample.txt file is not present

ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ |
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ vi sample.txt
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e -y 2025 sample.txt
-----
Error: ./a.out -e -y 2025 sample.txt : INVALID ARGUMENTS
USAGE:
To get help please pass like      : ./a.out --help
To view please pass like         : ./a.out -v mp3filename
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename
-----

Error, sample.txt is not a MP3 file
```

```
ashithadmin@LAPTOP-OAE19R6D:~/Projects/MP3_TAG_Reader$ ./a.out -e -y 2025 sample.mp3 Hello
-----
Error: ./a.out -e -y 2025 sample.mp3 Hello : INVALID ARGUMENTS
USAGE:
To get help please pass like      : ./a.out --help
To view please pass like         : ./a.out -v mp3filename
To edit please pass like         : ./a.out -e -t/-a/-A/-y/-C/-c "value" mp3filename
-----
```