



Interface IAudioStandard is a sub-interface of IMediaStandard and has a single method

Video is a subclass of Media, must implement IImageStandard and IAudioStandard, and must have the following private fields:

- A string named imageCodec.
- A string named audioCodec.

Video must have an overloaded constructor which takes in a String name, a String imageCodec, and a String audioCodec. It must call its parent constructor and pass it name , while setting its imageCodec and audioCodec fields with the ones in the parameters.

It must implement getImageCodec(), which returns the following string:

Image codec: [IMAGE\_CODEC\_FIELD]

It must implement getAudioCodec(), which returns the following string:

Audio codec: [AUDIO\_CODEC\_FIELD]

It must implement getMediaInfo(), which returns the following string:

Video ID: [ID]

Video name: [NAME]



3- Add Video  
4- Show images  
5- Show music  
6- Show videos  
7- Show images and videos  
8- Show music and videos  
9- Exit  
Enter option: 3

Enter file name: **Wedding**  
Enter image codec: **Motion JPEG**  
Enter audio codec: **WMAL**

1- Add Image  
2- Add Music  
3- Add Video  
4- Show images  
5- Show music  
6- Show videos  
7- Show images and videos  
8- Show music and videos  
9- Exit  
Enter option: 2

Enter file name: **Classical Music**  
Enter audio codec: **TTA**

1- Add Image  
2- Add Music  
3- Add Video  
4- Show images  
5- Show music  
6- Show videos  
7- Show images and videos  
8- Show music and videos  
9- Exit  
Enter option: 1

Enter file name: **Party picture**  
Enter image codec: **PNG**

1- Add Image  
2- Add Music

- 3- Add Video
  - 4- Show images
  - 5- Show music
  - 6- Show videos
  - 7- Show images and videos
  - 8- Show music and videos
  - 9- Exit
- Enter option: 4

Image ID: 1  
Image Name: Vacation picture  
Image codec: JPEG

Image ID: 5  
Image Name: Party picture  
Image codec: PNG

- 1- Add Image
  - 2- Add Music
  - 3- Add Video
  - 4- Show images
  - 5- Show music
  - 6- Show videos
  - 7- Show images and videos
  - 8- Show music and videos
  - 9- Exit
- Enter option: 5

Music ID: 2  
Music Name: Country Music  
Audio codec: FLAC

Music ID: 4  
Music Name: Classical Music  
Audio codec: TTA

- 1- Add Image
- 2- Add Music
- 3- Add Video
- 4- Show images
- 5- Show music
- 6- Show videos

- 7- Show images and videos
- 8- Show music and videos
- 9- Exit

Enter option: 6

Video ID: 3

Video Name: Wedding

Image codec: Motion JPEG

Audio codec: WMAL

- 1- Add Image
- 2- Add Music
- 3- Add Video
- 4- Show images
- 5- Show music
- 6- Show videos
- 7- Show images and videos
- 8- Show music and videos
- 9- Exit

Enter option: 7

Image ID: 1

Image Name: Vacation picture

Image codec: JPEG

Video ID: 3

Video Name: Wedding

Image codec: Motion JPEG

Audio codec: WMAL

Image ID: 5

Image Name: Party picture

Image codec: PNG

- 1- Add Image
- 2- Add Music
- 3- Add Video
- 4- Show images
- 5- Show music
- 6- Show videos
- 7- Show images and videos
- 8- Show music and videos

9- Exit

Enter option: 8

Music ID: 2

Music Name: Country Music

Audio codec: FLAC

Video ID: 3

Video Name: Wedding

Image codec: Motion JPEG

Audio codec: WMAL

Music ID: 4

Music Name: Classical Music

Audio codec: TTA

1- Add Image

2- Add Music

3- Add Video

4- Show images

5- Show music

6- Show videos

7- Show images and videos

8- Show music and videos

9- Exit

Enter option: 9

Shutting down...

## Submitting your answer:

Please follow the posted submission guidelines here:

<https://ccse.kennesaw.edu/fye/submissionguidelines.php>

Ensure you submit before the deadline listed on the lab schedule for CSE1322L here:

<https://ccse.kennesaw.edu/fye/courseschedules.php>