```
Nishikanto Sarkar
Reg No. 2012331071
```

VideoToFrame

Extracting all frame from selected video.

Graphical layout for choosing a video file from storage

```matlab
[filename, pathname] = uigetfile('*.mp4', 'Select Video file');
```

Spliting Frame and saveing it to specific path one by one.

```matlab
if isequal(filename,0)
    disp('User selected Cancel')
else
    disp(['User selected ', fullfile(pathname, filename)])
    v = VideoReader(fullfile(pathname, filename));
    folder = 'F:\Matlab\Assignment-4\images';

    for img = 1:v.NumberOfFrames;
        fileName = strcat('Frame', num2str(img), '.jpg');
        b = read(v,  img);
        imwrite(b, fullfile(folder,fileName));
    end

end
```

User selected C:\Users\nishi_000\Desktop\20150910_034442.mp4

Importance

For Video processing we need all the frame that a video has.

Published with MATLAB® R2015a