

```

import latex_table as lat
def latex_doc(table,funk):
    begin = '\\documentclass{article}\\n\\begin{document}\\n'
    end = '\\end{document}'
    return begin+ funk(table) + end

a = [[x for x in range(1,21)] for i in range(10)]

doc = latex_doc(a,lat.latex_table)
image = latex_doc(a,funk = lat.latex_image)
with open('artifact.tex', 'w', encoding='utf-8') as f:
    f.write(doc)
with open('artifact.tex', 'w', encoding='utf-8') as f:
    f.write(image)

```