

**app.py**

```
1  from flask import Flask, render_template, request, redirect, url_for
2  import pickle
3
4  app = Flask(__name__, template_folder = 'templates' )
5
6
7  todos=[]
8
9  try:
10     f = open('tasks.dat', 'rb')
11     while True:
12         a = pickle.load(f)
13         todos.append(a)
14     f.close()
15 except:
16     pass
17
18
19 @app.route("/")
20
21 def index():
22     return render_template("index2.html", todos = todos)
23
24 @app.route("/add", methods = ["POST"])
25 def add():
26     todo = request.form['todo']
27     todos.append({'task':todo, 'done': False})
28     f = open('tasks.dat', 'ab')
29     pickle.dump({'task':todo, 'done': False}, f)
30     f.close()
31     return redirect(url_for('index'))
32
33
34 @app.route("/edit/<int:index>", methods = ["GET", "POST"])
35 def edit(index):
36     todo = todos[index]
37     if request.method == 'POST':
38         todo['task'] = request.form["todo"]
39         f = open("tasks.dat", 'wb')
40         for i in todos:
41             pickle.dump(i, f)
42         f.close()
43
44         return redirect(url_for('index'))
45     else:
46         return render_template("edit.html", todo = todo, index = index)
```

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47
48 @app.route("/check/<int:index>")
49 def check(index):
50     todos[index]['done'] = not todos[index]['done']
51     f = open("tasks.dat", 'wb')
52     for i in todos:
53         pickle.dump(i, f)
54     f.close()
55
56     return redirect(url_for('index'))
57
58 @app.route("/delete/<int:index>")
59 def delete(index):
60     f = open("tasks.dat", 'wb')
61     del todos[index]
62     for i in todos:
63         pickle.dump(i, f)
64     f.close()
65     return redirect(url_for('index'))
66
67
68
69 if __name__ == '__main__':
70     app.run(debug = True)
```