```python
class Post(BaseModel):
    title: str
    content: str
    published: bool = True
    id: Optional[int]

my_posts = [{"title":"post 1 title","content":"Body of Post 1.","id":1}]

app = FastAPI()

@app.get("/posts")
async def get_posts():
    return {"data": my_posts}

@app.post("/posts")
async def create_posts(post: Post):
    post.id = len(my_posts)+1
    post_dict = post.dict()
    my_posts.append(post)
    return {"data": "Post created sucessfully!"}
```