

```
from faker import Faker
from sqlalchemy import create_engine
from sqlalchemy import Column, Integer, String
from sqlalchemy.ext.declarative import declarative_base
from sqlalchemy.orm import sessionmaker
import time

#Timestamp starts
start_time=time.time()

Base = declarative_base()
engine = create_engine('postgresql://postgres:7735@localhost:5432/postgres', echo = True)
Session = sessionmaker(bind = engine)
session = Session()
```

```
class login(Base):
    __tablename__ = 'Login'
    id = Column(Integer, primary_key=True)
    email = Column(String(100))
    password = Column(String(100), nullable=False)

class finding(Base):
    __tablename__ = "Finding"
    id = Column(Integer, primary_key=True)
    email = Column(String(100))
    password = Column(String(100), nullable=False)
```

```

def Generator(i):
    Personal_data_1 = []
    for i in range(i):
        fake=Faker()
        Personal_data_2=[]
        Personal_data_2.append(fake.email())
        Personal_data_2.append(fake.password())
        Personal_data_1.append(Personal_data_2)
    return Personal_data_1

Base.metadata.create_all(engine)

Generator(1000)

session.commit()

#Timestamp ends
end_time=time.time()
print(end_time-start_time)

```

```

C:\Users\alica\PycharmProjects\03\10\Fake-Email-Password\venv\Scripts\python.exe C:/Users/alica/Desktop/Task-5A.py
2022-10-16 14:08:09,883 INFO sqlalchemy.engine.Engine select pg_catalog.version()
2022-10-16 14:08:09,883 INFO sqlalchemy.engine.Engine [raw sql] {}
2022-10-16 14:08:09,884 INFO sqlalchemy.engine.Engine select current_schema()
2022-10-16 14:08:09,884 INFO sqlalchemy.engine.Engine [raw sql] {}
2022-10-16 14:08:09,885 INFO sqlalchemy.engine.Engine show standard_conforming_strings
2022-10-16 14:08:09,885 INFO sqlalchemy.engine.Engine [raw sql] {}
2022-10-16 14:08:09,885 INFO sqlalchemy.engine.Engine BEGIN (implicit)

```

```

2022-10-16 14:08:09,886 INFO sqlalchemy.engine.Engine select relname from pg_class c join pg_namespace n on n.oid=c.relnamespace where pg_catalog.pg_table_is_visible(c.oid) and relname=%(name)s
2022-10-16 14:08:09,886 INFO sqlalchemy.engine.Engine [generated in 0.00013s] {'name': 'Login'}
2022-10-16 14:08:09,888 INFO sqlalchemy.engine.Engine select relname from pg_class c join pg_namespace n on n.oid=c.relnamespace where pg_catalog.pg_table_is_visible(c.oid) and relname=%(name)s
2022-10-16 14:08:09,888 INFO sqlalchemy.engine.Engine [cached since 0.002515s ago] {'name': 'Finding'}
2022-10-16 14:08:09,889 INFO sqlalchemy.engine.Engine COMMIT
95.25684475898743

```

Process finished with exit code 0