

INSERT DATA INTO TABLE

1. Insert a new record into a table

- Option 1

```
>>> from app.models import Gender
>>> g1=Gender()
>>> g1.name_latin = 'Male'
>>> g1.acronym='M'
>>> db.session.add(g1)
>>> db.session.commit()
```

- Option 2

```
>>> from app.models.student import Gender
>>> g2 = Gender(name_latin='Female', acronym='F')
>>> db.session.add(g2)
>>> db.session.commit()
```

2 Insert multiple rows into a table

Option 1: session.bulk_insert_mappings()

```
>>> from app.models import Student
>>> data =
[{'first_name':'Dara1','last_name':'Sok','gender_id':1,'email':'sok.dara@rupp.edu.kh','age':35},
{'first_name':'Dara2','last_name':'Sok','gender_id':1,'email':'sok.dara2@rupp.edu.kh','age':40}]
>>> db.session.bulk_insert_mappings(Student,data)
>>> db.session.commit()
```

Option 2:session.add_all()

```
>>> students =
[Student(first_name='Sok1',last_name='Pisey',gender_id=2,email='sok1@rupp.edu.kh',age=24),
Student(first_name='Sok2',last_name='Pisey',gender_id=2,email='sok2@rupp.edu.kh',age=25)]
>>> db.session.add_all(students)
>>> db.session.commit()
```

Insert some more seeding data

Insert profiles

```
>>> from app.models import Profile
>>> profiles =
[Profile(acronym='AD',name_latin='Administrator'),Profile(acronym='ST',name_latin='Student')]
>>> db.session.add_all(profiles)
>>> db.session.commit()
```

Insert Right

```
>>> from app.models import Right
>>> rights = [Right(acronym='R',description='Read Only'),Right(acronym='W',description='Read and Write Only'),Right(acronym='F',description='Read, Write and Delete')]
>>> db.session.add_all(rights)
>>> db.session.commit()
```

Insert Menu

```
>>> from app.models import Menu
>>> menus=
[Menu(name_latin='Setting',order=1),Menu(name_latin='Student',order=2)]
>>> db.session.add_all(menus)
>>> db.session.commit()
```