```
In [1]:  a = 1
```

```
In [2]:  print(type(a))
```
```
<class 'int'>
```

```
In [3]:  print(type("pwskills"))
```
```
<class 'str'>
```

```
In [5]:  class test :
             pass
```

```
In [6]:  a = test()
```

```
In [7]:  type(a)
```
```
Out[7]:  __main__.test
```

```
In [8]:  print(type(a))
```
```
<class '__main__.test'>
```

```
In [13]:  class pwskills :

              def welcome_message(self):
                  return ("welcome to pw skills")
```

```
In [14]:  rohan = pwskills()
```

```
In [15]:  print(type(rohan))
```
```
<class '__main__.pwskills'>
```

```
In [16]:  rohan.welcome_message()
```
```
Out[16]:  'welcome to pw skills'
```

```
In [17]:  gaurav = pwskills()
```

```
In [18]:  gaurav.welcome_message()
```
```
Out[18]:  'welcome to pw skills'
```

```
In [24]:  class pwskills1 :

              def __init__(self,phone_number,email_id,student_id):
                  self.phone_number = phone_number
                  self.email_id = email_id
                  self.student_id = student_id

              def return_student_details(self):
                  return self.student_id,self.phone_number,self.student_id
```

```
In [26]: rohan = pwskills1()
```

TypeError   Traceback (most recent call last)
Cell In[26], line 1
----> 1 rohan = pwskills1()

TypeError: pwskills1.__init__() missing 3 required positional arguments: 'phone
_number', 'email_id', and 'student_id'

```
In [29]: rohan = pwskills1(9824236242,"rohan@gmail.com",101)
```

```
In [30]: rohan.return_student_details()
```

Out[30]: (101, 9824236242, 101)

```
In [41]: rohan.phone_number
```

Out[41]: 9824236242

```
In [42]: rohan.email_id
```

Out[42]: 'rohan@gmail.com'

```
In [31]: gaurav = pwskills1(4254878522,"gaurav@gmail.com",105)
```

```
In [32]: gaurav.return_student_details()
```

Out[32]: (105, 4254878522, 105)

```
In [51]: class pwskills2 :

             def __init__(self,phone_number,email_id,student_id):
                 self.phone_number1 = phone_number
                 self.email_id1 = email_id
                 self.student_id1 = student_id

             def return_student_details(self):
                 return self.student_id1,self.phone_number1,self.student_id1
```

```
In [52]: sudh = pwskills2(5652184432,"sudh@gmail.com",103)
```

```
In [53]: sudh.phone_number1
```

Out[53]: 5652184432

```
In [54]: sudh.return_student_details()
```

Out[54]: (103, 5652184432, 103)

```
In [59]: class pwskills2 :

             def __init__(sudh,phone_number,email_id,student_id):
                 sudh.phone_number1 = phone_number
                 sudh.email_id1 = email_id
                 sudh.student_id1 = student_id
```

```python
    def return_student_details(sudh):
        return sudh.student_id1,sudh.phone_number1,sudh.student_id1
```

In [60]: `rohan = pwskills2(14726416547,"Rohan201@gmail.com",104)`

In [61]: `rohan.phone_number1`

Out[61]: 14726416547

In [ ]: