

Python assignment1

"The element is divisible of 7 and not multiple of 5 : ",

```
out_put_list=[]
```

```
counter = 0
```

```
for element in range (2000,3200):
```

```
    if (element % 7 == 0) and (element % 5 != 0):
```

```
        counter +=1
```

```
        out_put_list.append(str(element))
```

```
print (",".join(out_put_list))
```

```
=====
```

```
#print in reverse order with a space between first name and last name
```

```
f=input("Enter first name:")
```

```
l=input("Enter last name:")
```

```
c = f[::-1] + " " + l[::-1]
```

```
print(c)
```

```
=====
```

```
#Volume of sphere
```

```
pi=22/7
```

```
d = 12
```

```
radius = d/2
```

```
volume = (4/3) * (pi * radius ** 3)
```

```
print("Volume is: ", volume)
```

We can also write function for this by giving radius as an input

```
def volume_of_sphere():
```

```
    pi=22/7
```

```
    V_sphere=(4/3) * ( pi) *radius**3
```

```
    print(V_sphere)
```

```
radius = float(input("Enter the radius : "))
```

```
volume_of_sphere()
```