1.Class Pow Function:

class power:

def pow(self, x, n):

print(x \*\* n)

p = power()

p.pow(5,6 )

q = power()

q.pow(3,2)

O/P:

8

81

2.String Reverse:

class stringreverse:

def rev\_str(self, a):

b = a.split()

print(b[::-1])

r = stringreverse()

r.rev\_str("string reverse")

O/P:

['reverse', 'string']

3.Class\_func\_using two methods\_getting the string from the user\_and print the string:

class get\_print:

a = None

def get\_str(self, s1):

self.a = s1

def print\_str(self):

print(self.a.upper())

s = get\_print()

s.get\_str("logan")

s.print\_str()

O/P:

LOGAN

4.Class\_func\_method for computing area of a rectangle:

class rectangle:

def \_\_init\_\_(self, u, v):

self.a = u

self.b = v

print(self.a \* self.b)

area = rectangle(4, 5)

area1 = rectangle(7, 8)

O/P:

20

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5.Class\_func\_method for computing area and perimeter of a circle:

class circle:

def \_\_init\_\_(self, u):

self.r = u

print("area of the circle is", 3.14 \* self.r \* self.r)

print("perimeter of the circle is", 2 \* 3.14 \* self.r)

c = circle(4)

c1 = circle(7)

O/P:

area of the circle is 50.24

perimeter of the circle is 25.12

area of the circle is 153.86

perimeter of the circle is 43.96