

Python Programming
LABORATORY MANUAL
B.Tech Semester -IV
Subject Code: (KNC-402)



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OBJECT-:

To write a python program exponentiation (power of a number). (Dont use built-in function)

PROGRAM-:

```
exponential.py 7 ...
1  number = int(input(" Please Enter any Positive Integer : "))
2  exponent = int(input(" Please Enter Exponent Value : "))
3  power = 1
4
5  for i in range(1, exponent + 1):
6      |   power = power * number
7
8  print("The Result of {0} Power {1} = {2}".format(number, exponent, power))
```

OUTPUT-:

```
PS D:\Python> python -u "d:\Python\exponential.py"
Please Enter any Positive Integer : 5
Please Enter Exponent Value : 2
The Result of 5 Power 2 = 25
PS D:\Python> 
```