

# # 1806554 Python Assignment 3 Classwork

In [27]:

```
1 def avg(a,b,c):  
2     return (a+b+c)/3  
3 x = int(input())  
4 y = int(input())  
5 z = int(input())  
6 avg(x,y,z)  
7  
8
```

```
4  
5  
6
```

```
5.0
```

In [2]:

```
1 def fact():  
2     x = int(input())  
3     fact = 1  
4     for i in range(1,x+1):  
5         fact *= i  
6     print(fact)  
7 fact()
```

```
5  
120
```

In [8]:

```
1 import math
2 def hl(a,b):
3     gcd = math.gcd(a,b)
4     lcm = (a*b)/gcd
5     return lcm,gcd
6 a = int(input())
7 b = int(input())
8 lcm,hcf = hl(a,b)
9 print(f'lcm : {lcm}    hcf : {hcf}')
```

100

5

lcm : 100.0 hcf : 5

In [13]:



```
1 def addSum(a):
2     if a == 0:
3         return 0
4     return a + addSum(a-1)
5 a = int(input())
6 addSum(a)
7
```

150

11325

```
In [26]: 1 rev = 0
          2 p = 1
          3 def reverse(n):
          4     global rev
          5     global p
          6     if(n > 0):
          7         reverse(n//10)
          8         rev += (n % 10) * p
          9         p *= 10
         10     return rev
         11 n = int(input())
         12 reverse(n)
```

199

991

In [ ]:

1