ASSIGNMENT-Programming Task 3

In [1]:

```python
for i in range(1,int(input())+1):
    print((pow(10,i)//9)**2)
```

1
1

In [2]:

```python
import cmath
c=complex(input().strip())
res=cmath.polar(c)
print(res[0])
print(res[1])
```

1+2j
2.23606797749979
1.1071487177940904

In [3]:

```python
import math
AB=int(input())
BC=int(input())
tita=(math.atan(AB/BC))
tita_to_degree=round(math.degrees(tita))
print(tita_to_degree,chr(176),sep='')
```

10
10
45°

In [4]:

```python
a=int(input())
b=int(input())
x=divmod(a,b)
print(x[0],x[1],x,sep='\n')
```

177
10
17
7
(17, 7)