

1. Write a Python program to print "Hello Python"?

Ans:

```
1]: print ("Hello Python")  
  
Hello Python
```

2. Write a Python program to do arithmetical operations addition and division.?

Ans:

```
In [2]: def addition(*args):  
        output_sum=0  
        for item in args:  
            output_sum+=item  
        return output_sum  
def division(a,b):  
    return a/b
```

```
In [3]: addition(5,6)
```

```
Out[3]: 11
```

```
In [4]: division(5,10)
```

```
Out[4]: 0.5
```

3. Write a Python program to find the area of a triangle?

Ans:

```
In [5]: a = float(input('Enter first side: '))  
        b = float(input('Enter second side: '))  
        c = float(input('Enter third side: '))  
  
        s = (a + b + c) / 2  
  
        area = (s*(s-a)*(s-b)*(s-c)) ** 0.5  
        print('The area of the triangle is %0.2f' %area)  
  
Enter first side: 5  
Enter second side: 6  
Enter third side: 7  
The area of the triangle is 14.70
```

4. Write a Python program to swap two variables?

Ans:

```
3]: def swap(a,b):  
    a,b = b,a  
    return a,b  
i = int(input("Enter first value: "))  
j = int(input("Enter second value: "))  
swap(i,j)  
  
Enter first value: 6  
Enter second value: 5  
3]: (5, 6)
```

5. Write a Python program to generate a random number?

Ans:

```
1: import random  
    print(random.randint(0,9))  
  
2
```