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

```python
print("Hello Python")
```

```
Hello Python
```

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

```python
a = int(input("Enter the value of a: "))
b = int(input("Enter the value of b: "))
print("Result of addition is: ", a+b)
print("Result of division is: ", a/b)
```

```
Enter the value of a: 10
Enter the value of b: 5
Result of addition is:  15
Result of division is:  2.0
```

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

```python
l = int(input("Enter the base length: "))
h = int(input("Enter the height: "))
area = (1/2)*l*h
print("area of the traiangle: ", area)
```

```
Enter the base length: 4
Enter the height: 6
area of the traiangle:  12.0
```

4. Write a Python program to swap two variables?
Using third variable

```python
def swap(a,b):
    c = 0
    c = a
    a = b
    b = c
    return a,b
swap(2,3)
```

```
(3, 2)
```

```python
swap(4,5)
```

```
(5, 4)
```

Without using 3rd variable.

```python
def swap(a,b):
    a,b =b,a
    return a,b
swap(2,3)
```

(3, 2)

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

```python
import random
a = random.random()
print(a)
```

0.5407528915943641

```python
import random
a = random.randint(0,25)
print(a)
```

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