

Programming Assignment 1

1. Write a Python program to print "Hello Python"?
2. Write a Python program to do arithmetical operations addition and division.?
3. Write a Python program to find the area of a triangle?
4. Write a Python program to swap two variables?
5. Write a Python program to generate a random number?

```
In [1]: #1. Write a Python program to print "Hello Python"?  
print("Hello Python")
```

Hello Python

```
In [2]: #2. Write a Python program to do arithmetical operations addition and division.?  
a= int(input('Enter first number'))  
b= int(input('Enter second number'))  
print('a + b: ', a+b, 'a/b: ', a/b)
```

Enter first number10
Enter second number2
a + b: 12 a/b: 5.0

```
In [3]: #3. Write a Python program to find the area of a triangle?  
a= int(input('Enter length'))  
b= int(input('Enter breadth'))  
print('Area of the triangle {} X {}: '.format(a,b), a*b)
```

Enter length12
Enter breadth2
Area of the triangle 12 X 2: 24

```
In [4]: #4. Write a Python program to swap two variables?  
a= input('Enter first variable')  
b= input('Enter second variable')  
x,y=b,a  
print('first variable entered:', a)  
print('second variable entered:', b)  
print('first variable after swap:', x)  
print('second variable after swap:', y)
```

Enter first variablefirst
Enter second variablesecond
first variable entered: first
second variable entered: second
first variable after swap: second
second variable after swap: first

```
In [5]: #5. Write a Python program to generate a random number?  
import random  
  
print(random.randint(0,999999999))
```

765553828

```
In [ ]:
```