

Programming Assignment_1

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

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```
: print('\n"Hello python\n")  
"Hello python"
```

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

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```
7]: a = int(input("Enter first number"))  
b =int(input("Enter second number"))  
print('ADDITION =', a+b)  
print('DIVISION =', int(a/b))
```

```
Enter first number 10  
Enter second number 5  
ADDITION = 15  
DIVISION = 2
```

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

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```
[16]: a = int(input("Enter first number"))  
b =int(input("Enter second number"))  
c =int(input("Enter third number"))  
  
s = (a+b+c)/2  
  
area = (s*(s-a)*(s-b)*(s-c))**0.5  
  
print('AREA OF TRIANGLE IS =', int(area))
```

```
Enter first number 5  
Enter second number 6  
Enter third number 7  
AREA OF TRIANGLE IS = 14
```

4. Write a Python program to swap two variables.

4. Write a Python program to swap two variables?

```
[17]: a = int(input("Enter first number"))
      b = int(input("Enter second number"))

      temp_var = a
      a = b
      b = temp_var

      print('value of a after swapping = ', a)
      print('value of b after swapping = ', b)

Enter first number 5
Enter second number 10
value of a after swapping = 10
value of b after swapping = 5
```

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

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```
[20]: import random
      print(random.randint(0,10))

      3

[21]: print(random.randint(0,10))

      2

[ ]:
```