

Q1. Write a Python program to print "Hello Python"?

```
In [2]: print("Hello Python")
```

Hello Python

Q2. Write a Python program to do arithmetical operations addition and division.?

```
In [1]: a = 10
b = 20
summation = a + b
division = b / a

print(summation)
print(division)
```

30
2.0

Q3. Write a Python program to find the area of a triangle?

```
In [7]: # Length of sides are in a, b, c variables.
import math

a = 24
b = 30
c = 18

perimeter = a+b+c
s = perimeter/2

area = math.sqrt(s * (s-a) * (s-b) * (s-c))
print(f"Area of the triangle with sides {a}, {b}, {c} is {area} square units")
```

Area of the triangle with sides 24, 30, 18 is 216.0 square units

Q4. Write a Python program to swap two variables?

```
In [9]: x = 10
y = 20

print(f"Before swap : {x} , {y}")

x,y = y,x

print(f"Before swap : {x} , {y}")
```

Before swap : 10 , 20
Before swap : 20 , 10

Q5. Write a Python program to generate a random number?

```
In [16]: import random
print(random.randint(1,100))
```

14

```
In [ ]:
```