Python Practice Programs

1. #!/usr/bin/python

a, b = 20, 10

c = a + b

print “\n Addition of two numbers is”, c

c = a – b

print “\n Subtraction of two numbers is”, c

c = a \* b

print “\n Multiplication of two numbers is”, c

c = a / b

print “\n Division of two numbers is”, c

1. #!/usr/bin/python

a, b, c = 20, 10, 30

if a > b and a > c:

print “Biggest of three numbers is”, a

if b > a and b> c:

print “Biggest of three numbers is”, b

if c > a and c > b:

print “Biggest of three numbers is”, c

1. #!/usr/bin/python

a = 10

b = a % 2

if b == 0 :

print “ Given number is”, c, “even”

else:

print “Given number is”, c, “odd”

1. #!usr/bin/python

a = 7

for i in range(1, a-1)

if a % i == 0 :

print “The given number “, a, “is not prime”

else:

print “The given number “, a, “is prime”

1. #!/usr/bin/python

import sys

print “First number is”, arg1

print “Second number is”, arg2

print “Third number is”, arg3

print “The biggest of three numbers is”, max(arg1, arg2, arg3)

1. #!usr/bin/python

str1 = “Chennai”

str2 = “City”

for i in str1:

print “current letter is”, i

str3 = str1[2:5]

print “Sub string is”, str3

print “Repeated string is “, str1 \* 5

print “Concatenated string is “, str1 + str2

1. #!/usr/bin/python

List1 = [12, 23, ‘Hello’, 60.6, ‘Chennai’]

List2 = [21, 32, 60]

a = List1 [1:3]

b = List1 \* 2

c = List1 + List2

print “\n”, a

print “\n”, b

print “\n”, c

1. #!/usr/bin/python

Tuple1 = (12, 23, ‘Hello’, 60.6, ‘Chennai’)

Tuple2 = (21, 32, 60)

a = Tuple1[1:3]

b = Tuple1 \* 2

c = Tuple1 + Tuple2

print “\n”, a

print “\n”, b

print “\n”, c

1. #!/usr/bin/python

a = complex(arg[0], arg[1])

b = complex(arg[2], arg[3])

c = a + b

print “\n Addition of two numbers is”, c

c = a – b

print “\n Subtraction of two numbers is”, c

c = a \* b

print “\n Multiplication of two numbers is”, c

c = a / b

print “\n Division of two numbers is”, c

1. #!/usr/bin/python

arg[0] += arg[1]

print “\n Addition of two numbers is”, c

arg[0] -= arg[1]

print “\n Subtraction of two numbers is”, c

arg[0] \*= arg[1]

print “\n Multiplication of two numbers is”, c

arg[0] /= arg[1]

print “\n Division of two numbers is”, c

arg[0] %= arg[1]

print “\n modulus of two numbers is”, c

arg[0] \*\*= arg[1]

print “\n Exponentiation of two numbers is”, c

arg[0] //= arg[1]

print “\n Floor division of two numbers is”, c

11) #!/usr/bin/python

a = arg[0] and arg[1]

b = arg[0] or arg[1]

c = not(arg[0] and arg[1])

print a

print b

print c