Quiz1

Question 1

The Python programming language is

a functional progamming language

an interpreted language

a pure objective oriented language

a compiled language

Question 2

The following code is given to Python interpreter. The result of 2^3 is

1

Question 3

The python operator ** standard for some operation such that 2 ** 3 gives

8

Question 4

The IEEE half-precision format has 1 sign bit, followed by 5 bits for the exponent e and then 10 bits for the fractional part f. What is the bit pattern as a sequence of 0 and 1 for the numerical value of 1.0 ?

0011110000000000

Question 5

The machine epsilon of a single-precision floating point (float32 in numpy) is about

0**(-3)

10**(-30)

10**(-15)

10 ** (-7)

Question 6

The output of the following Python code

i=0; ++i

print(i)

is

-1

0

syntax error

1

Question 7

Consider the following Python code

x=1.0e-10

y=1.0e+10

z =((2*x+y)-y)-x

print(z)

What is printed?

0.0

-1e-10

+1e-10

+1e+10

Question 8

Consider the Python code

"this" > "that"

True or False, or syntex error?

True

False

error

Question 9

Let

list = [1,2,3]

then list[-2] is

3

syntex error

2

1

Question 10

What is printed in

for i in range(10,0,-5):

   print(i)

?

10 5 0

10 5

0 5

-5 0 10