```
# -*- coding: utf-8 -*-
"""PRACTICE_PYTHON CORE TEST – A.ipynb

Automatically generated by Colaboratory.

Original file is located at
    https://colab.research.google.com/drive/1fGaV4J61S4OpBRM0ykBgbH6p5sGrI0ad
"""

#Which of the following is not a keyword?
a) eval
b) assert
c) nonlocal
d) pass



#Which of the following /are an invalid statement?
a) abc = 1,000,000
b) a b c = 1000 2000 3000
c) a,b,c = 1000, 2000, 3000
d) a_b_c = 1,000,000



#Which one of these is floor division operator?
a) /
b) //
c) %
d) None of the mentioned



#What is the output of print (0.1+0.2) ?
a)    0.30000000000000004
b)    0.2000000
c)    0.30
d)    0.3

#10- What is the result of cmp (5, 8)?
a) 1
b) 0
c) -1
d) False

#What is the output of print (0.3) ?
a) 0.3
b) 0.4
c) 0.5
d) 0.30004

#What is the output of print (0.1+0.2==0.3) ?
a)    True
b)    False
c)    Machine dependent
d)    Error

#Which of these in not a core data type?
a) Lists
```

b) Dictionary
c) Tuples
d) Class

#What is the returnvalue of below user define function ?
```
def fun1(a,b):
          c=a+b

returnvalue=fun1(10,10)
print(returnvalue)
```
a) 20
b) c
c) None
d) Random Number

#What will be the output of the following python code ?
```
str1="Hello"
print(str1[:2])
```
a) He
b) lo
c) Hello
d) He

#What will be the output of the following Python code ?
```
print( type(10 // 2 ))
```

a) <class ‘int’>
b) <class ‘float’>
c) <class ‘Str’>
d) None

#What will be the output of the following Python code ?
```
print( “Number is:”, a )
```

a) 10
b) Any Random Integer Number
c) Error- a is not defined.
d) None

#What data type is the object below?
```
L = [11, 2, 'hello', 10.5]
```
a) list
b) dictionary
c) array
d) tuple

What will be the output of the following Python code ?

```
>>> print(“Hi”+”Python”)
```

a) Hi   Python
b) HiPython
c) ERROR
d) <class ‘Str’>

Which of the following number system is wrong ?
a) x= 0x45f4

```
b) x=0xz67
c) x=10
d) x= 0b101

#What will be the output of the following Python code?
>> print ( 12 + 5.00000 )
a) 17.00000
b) 17.00
c) 17
d) 17.0

What will be the output of the following Python code?
a=10
b=5
print( a // b )
1-    2
2-    2.0
4-    2.5
5-    Error

What is / are the membership operators of python ?
Is , is not
In , not in
Or
==

#What will be the output of the following python code ?
      print(ord('A'))
a)97
b)65
c)56
d)70

# What is / are the Identity operators of python ?
a) Is , is not
b) In , not in
c) And
d) <=

#What will be the output of the following Python code?
list1=[ 1 , 2 ,'34' , 'hello' , '' , [] ]
print( list ( filter ( bool, list1 ))


a) [ 1 , 2 ,'34' , 'hello' , '' , [] ]
b) [ 1, 2, '34', 'hello' ]
c) Error
d) [ 1, 2 ]

#What will be the output of the following Python code?
>> a=10
>> if  a < 4 :
      print ( " first if Number 1 is less than 20" )
>> elif a < 15 :
      print ( " first elif  Number1 is less than 15" )
>> elif a < 16:
      print ( " second elif Number1 is less than 16 ")
>> else:
      print ( " Else at last. " )
```

```
     a)first if Number 1 is less than 20
     b)first elif Number 1 is less than 15
     c)second elif Number1 is less than 16
     d)first elif Number 1 is less than 15 and second elif Number1 is less than 16

#What python code snippet to make list1=[11,33,55,4,77] to make list1=[11,33,55,4]?

#- What will be the output of the following Python code?
>>> list5=[77,88,True,78,23,32,90]
>>> print("list5.pop():",list5.pop())
>>> print("After pop elements number:",len(list5))

a)list5.pop(): 90
After pop elements number: 6

b)list5.pop(): Error
After pop elements number: 6

c)Error

d)list5.pop(): None
After pop elements number: 6

#What python code snippet  to achieve the below result?
#CREATE A FILLED DICTIONARY VARIABLE AND PRINT ONLY ALL KEYS.

# What python code snippet  to achieve the below result?
# USE DICTIONARY ITEMS FUNCTION,SHOW AN EXAMPLE AND WHY WE USE ITEMS FUNCTION OF
DICTIONARY?

#What python code snippet  to show the example of setdefault function in
dictionary.

# What will be the output of the following Python code?
dict2={"key11":1,"key2":2,"key33":3}
print(dict2.get("keynotpresent","This key not present in dictionary"))#get method

#What will be the output of the following Python code?
list1=[11,22,33,44]
print(len(list1))
print(list1[0])
for i in range(len(list1)):
  print("i index number:",i)
  print("current element value:",list1[i])

#What will be the output of the following Python code?
dic1={"key1":1,"key2":2}
for k,v in dic1.items():
  print("key:",k)
  print("value:",v)

# What will be the output of the following Python code?
string2="Python is great programming language."
for s in string2.split():
  print(s)

# What will be the output of the following Python code?
name="Python"
for index,n in  enumerate(name):
```

```
  print("Current index:",index)
  print("Current Character:",n)

#What will be the output of the following Python code?
name=[11,25,5,4,1,78,45,3,85]
name.sort()
print("sortedname:",name)
for n in name:
  print("In sorted order list item:",n)

#What will be the output of the following Python?
langname=["Java","C","Php","Python","C++"]
order=[1,2,3,4,5]

for l,o in zip(langname,order):
  print("order:",o,"language:",l)

#Create a function in python which check enter number by user is even or odd?

# How many types of Function Arguments are there in Python?

#What will be the output of the following Python?
square=lambda x:x*x
print("Square value is:",square(10))

# Which all statements are True for Lambda function?
1- Lambda function has only one return value.
2- Lambda function can have function documentation.
3- Lambda function can have many arguments.
4- Lamda function can have many Expression.
5- Lambda function is also known as Anonymous function.

class Employee:
  pass

print("Employee.__name__ :",Employee.__name__)
```