

## Tuple

<p>A tuple is declared as  <code>t1=(1,2,3,3,5,6,5,6,7,3,8,9)</code>          what will be the value of  <code>print(t1.count(3))</code></p>	<p>Find the output from the following code:  <code>t=tuple()</code>  <code>t=t+('Python',)</code>  <code>print(t)</code>  <code>print(len(t))</code></p>
<p>Suppose a tuple T is declared as  <code>T = "Yellow", 20, "Red"</code>  <code>a, b, c = T</code>  <code>print(a)</code>          which of the following is correct?          (a) ('Yellow', 20, 'Red')          (b) TypeError (c)Yellow</p>	<p>Choose the correct way to access value <b>20</b> from the following tuple  <code>aTuple = ("Orange", [10, 20, 30], (5, 15, 25))</code>          a) <code>aTuple[1:2][1]</code>          b) <code>aTuple[1:2](1)</code>          c) <code>aTuple[1][1]</code></p>
<p>Suppose a tuple T is declared as  <code>T = (10, 12, 43, 39),</code>          which of the following is Incorrect?          a) <code>print(T[1])</code>                      b) <code>print(max(T))</code>          c) <code>print(len(T))</code>                      d) None of the above</p>	<p>Suppose a tuple T1 is declared as  <code>T1 = (10, 20, 30, 40, 50)</code>          which of the following is incorrect?          a) <code>print(T[1])</code>                      b) <code>T[2] = -29</code>          c) <code>print(max(T))</code>d)                      <code>print(len(T))</code></p>
<p>Suppose a tuple T is declared as  <code>T = (10, 12, 43, 39),</code>          which of the following is incorrect?          a) <code>print(T[1])</code>                      b) <code>T[3] = 9</code>          c) <code>print(max(T))</code>                      d) <code>print(len(T))</code></p>	<p>Identify the data type of X:  <code>X = tuple(list( (1,2,3,4,5) ) )</code>          a)Dictionary (b) string (c) tuple (d) list</p>
<p>A tuple is declared as  <code>T = (20,5,16,29,83)</code>          What will be the problem with the code  <code>T[1]=100.</code></p>	<p>Suppose a tuple T is declared as  <code>T = (10, 20, 30, 40),</code>          what will be the output of  <code>print(T*2)</code></p>
<p><code>t1=(2,3,4,5,6)</code>  <code>print(t1.index(4))</code>          output is          a). 4    b). 5    c). 6    d). 2</p>	<p>What is the length of the tuple shown below?  <code>t=(((('a',1),'b','c'),'d',2),'e',3)</code></p>
<p>A tuple is declared as <code>T = (2,5,6,9,8)</code> What will be the value of <code>sum(T)</code>?</p>	<p>Which of the following statements will create a tuple ?          (a) <code>Tp1 = ("a", "b")</code>                      (b) <code>Tp1= (3) * 3</code>          (c) <code>Tp1[2] = ("a", "b")</code> (d) None of these</p>
<p>Find the output of the following:  <code>&gt;&gt;&gt;S = 1, (2,3,4), 5, (6,7)</code>  <code>&gt;&gt;&gt; len(S)</code></p>	<p>Identify the valid declaration of Rec:  <code>Rec=(1,"Vikrant",50000)</code>          (i)List                      (ii)Tuple          (iii)String                      (iv)Dictionary</p>
<p>A tuple is declared as <code>T = (1,2), (1,2,4), (5,3)</code>          What will be the value of <code>min(T)</code> ?</p>	<p>Consider the tuple in python named  <code>DAYS=("SUN","MON","TUES")</code>          Identify the invalid statement(s) from the given below statements:          a). <code>S=DAYS[1]</code>                      b). <code>print(DAYS[2])</code>          c). <code>DAYS[0]="WED"</code>    d). <code>LIST=list(DAYS)</code></p>

<p>1) import random for i in range(5,2,-1):     print(random.randint(1,3)+i,end="*")</p> <p>(i) 7*6*4           (ii) 7*6*6 (iii) 6*7*9*       (iv) 4*7*6*</p> <p>-----</p> <p>2)What could be the minimum possible and maximum possible numbers by following code?</p>	<p>6) specify maximum value that can be assigned to each of the variables BEGIN and LAST. import random POINTS=[20,40,10,30,15] POINTS=[30,50,20,40,45] BEGIN=random.randint(1,3) LAST=random.randint(2,4) for c in range(BEGIN,LAST+1):     print(POINTS[c], '#',end=" ")</p> <p>(i) 20#50#30#   (ii)20#40#45# (iii) 50#20#40# (iv)30#50#20#</p>
<p><b>Import random</b> <b>print(15+random.randint(3,10)-3)</b></p> <p>3) import random L=["red","blue","green","yellow"] for i in range(5,2,-1):     print(L[random.randint(1,2)],end="%")</p> <p>(i) blue%green%green%   (ii) blue%red%green% (iii) blue%green%yellow%   (iv) blue%blue%red%</p>	<p>7) import random pick=random.randint(0,3) city=["delhi","mumbai","chennai","kolkata"] for i in city:     for j in range(1,pick):         print(i,end=" ") print()</p>
<p>4) import random picker=random.randint(0,3) color=["blue","pink","green","red"] for i in color:     for j in range(1,picker):         print(i, end="")         print()</p>	<p>8) what could be the possible outputs out of the given choices? Import math Import random print(str(int(math.pow(random.randint(2,4),2))),end=' ') ) print(str(int(math.pow(random.randint(2,4),2))),end=' ') ) print(str(int(math.pow(random.randint(2,4),2))))</p> <p>(i)     2 3 4           (iii) 9 4 4 (v) 16 16 16 (ii)    2 4 9           (iv) 4 9 4 (vi) 4 4 4</p>
<p>5) import random p='my program' i=0 while p[i]!='y':     t=random.randint(0,3)+5     print(p[t],'-')     i=i+1</p>	<p>9) import random L=("red","blue","green","yellow") for i in range(3):     print(L[random.randint(1,4,2)],end="#")</p> <p>(i) blue#blue#yellow#   (ii) red#green#green# (iii) blue#yellow#green# (iv) blue#green#yellow#</p>