Assignment -1

Python Programming

Assignment Date	18 September 2022
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Maximum Marks	2 Marks

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                  ## 1. Split this string
                  s = "Hi there Sam!"
s.split()
                  """## 2. Use .format() to print the following string.
                  ### Output should be: The diameter of Earth is 12742 kilometers.
                 planet = "Earth"
diameter = 12742
                 a="The diameter of () is () kilometers."
a.format(planet,diameter)
                  """## 3. In this nest dictionary grab the word "hello" """
                  d = {'k1':[1,2,3,{'tricky':['oh','man','inception',{'target':[1,2,3,'hello']}]}]}
                 d['k1'][3]['tricky'][3]['target'][3]
                  """# Numpy"""
                  import numpy as np
                  """## 4.1 Create an array of 10 zeros?
## 4.2 Create an array of 10 fives?
                  l=[]
for i in range(0,10):
    l.append(0)
                        ₹
                  """## 4.1 Create an array of 10 zeros?
## 4.2 Create an array of 10 fives?
"""
                 l=[]
for i in range(0,10):
    l.append(0)
                  l=[]
for i in range(0,10):
    1.append(5)
                  """## 5. Create an array of all the even integers from 20 to 35"""
                 l=[]
for i in range(20,36):
   if(i%2==0):
     1.append(i)
                  """## 6. Create a 3x3 matrix with values ranging from 0 to 8"""
                  import numpy
a=numpy.arange(0,9).reshape(3,3)
                  """## 7. Concatenate a and b
## a = np.array([1, 2, 3]), b = np.array([4, 5, 6])
"""
```

