```
1  planet = "Earth"
2  diameter = "12742"
3  print('The diameter of {} is {}
       kilometers'.format(planet, diameter
       ));
```

```python
1  d = {'k1' :[1, 2,3,{'tricky' :['oh',
       'man','inception', {'target':[1,2,3
       ,'hello']}]}]}
2  print( d['k1'][3]["tricky"][3]['target'
       3])
```

```python
import numpy as np
x = np.arange(0,9).reshape(3,3)
print(x)
```

```python
1  import numpy as np
2  arr = np.arange(20,36,2)
3  print("array of all eve numbers from 20
       to 36")
4  print(arr)
```

```python
1  import numpy as np
2  arr = np.ones(10)*5
3  print("Array of 10 fives")
4  print(arr)
5
```

```python
import numpy as np
a = np. array([1, 2,3])
print(a)
b = np. array([4, 5,6])
print(b)
print('concate of a & b')
print(np.concatenate((a, b)))
```

```python
import numpy as np
arr = np.zeros(10)
print("Array of 10 zeros")
print(arr)
```

```
1  string = " hai there sam "
2  words = string. split(',')
3  print( words)
```