

**Task 1****What will be printed on the screen**

```
import numpy as np
a1 = [1,2,3,4,5,6]
arr_a1 = np.array(a1)
b1 = arr_a1[1:4]
print("arr_a1 = {}, b1 ={}".format(arr_a1,b1))
b2 = arr_a1[1:]
print("arr_a1 = {}, b2 ={}".format(arr_a1,b2))
b3 = arr_a1[:4]
print("arr_a1 = {}, b3 ={}".format(arr_a1,b3))
```

**Task 2****What will be printed on the screen**

```
import numpy as np
a1 = [1,2,3,4,5,6]
num = 4
arr_a1 = np.array(a1)
b1 = arr_a1[:num]
print("arr_a1 = {}, b1 ={}".format(arr_a1,b1))
num = num - 1
b2 = b1[:num]
print("arr_a1 = {}, b2 ={}".format(arr_a1,b2))
num = num - 1
b3 = b2[:num]
print("arr_a1 = {}, b3 ={}".format(arr_a1,b3))
```

**Task 3****What will be printed on the screen**

```
import numpy as np
a1 = [1,2,3,4,5,6,7,8,9,10]
num = 2
arr_a1 = np.array(a1)
b1 = arr_a1[num:]
print("b1 ={}".format(b1))
b2 = b1[num:]
print("b2 ={}".format(b2))
b3 = b2[num:]
print("b3 ={}".format(b3))
```

**Task 4****What will be printed on the screen**

```
import numpy as np
a0 = [1,2,3,4,5,6,7,8,9]
a1 = np.array(a0)
b1 = a1[:6]
b2 = b1[:5]
a1[0] = 11
b1[1] = 12
b2[2] = 13
print("a1 = {}, b1 = {}, b2={}".format(a1,b1,b2))
```

**Task 5****What will be printed on the screen**

```
import numpy as np
a0 = [1,2,3,4,5]
a1 = np.array(a0)
b1 = a1[1:]
b2 = b1[1:]
a1[0] = 11
b1[0] = 12
b2[0] = 13
print("a1 = {}, b1 = {}, b2={}".format(a1,b1,b2))
```