

Task 1	What will be printed on the screen <pre>import numpy as np list2 = [2,5,10] b = 1 a = np.array([list2]) a = a + b print(a)</pre> <p>Also, what will be the output when (i)list2 = [1,2,3,4], b=3 (ii) list2 = [20], b = 6</p>
Task 2	What will be printed on the screen <pre>import numpy as np list2 = [3,4,5,6] b = 1 a = np.array([list2]) a = a + 3*b print(a)</pre> <p>Also, what will be the output when (i)list2 = [1,2,3,4], b=3 (ii) list2 = [20], b = 6</p>
Task 3	What will be printed on the screen <pre>import numpy as np list2 = [1,2,3,4] a = np.array([list2]) a = a * 4 print(a)</pre> <p>Also, what will be the output when (i)list2 = [2,5] (ii) list2 = [11]</p>
Task 4	What will be printed on the screen <pre>import numpy as np list2 = [3,6,9] x = 3 a = np.array([list2]) a = a / x print(a)</pre> <p>Also, what will be the output when (i)list2 = [2,4,8,10], x=2 (ii) list2 = [25,10,10,20,30], x=5</p>

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

```
import numpy as np
list2 = [1,2,3,4]
a = np.array([list2])
a = a ** 2
print(a)
```

Also, what will be the output when (i)list2 = [2,5] (ii) list2 = [11]

Task 6**What will be printed on the screen**

```
import numpy as np
list2 = [1,3,5,2]
a = np.array([list2])
m = 2
n = 6
p = 5
a = a + 2*m
a = a*p
a = a - n
print(a)
```

Also, what will be the output when (i)list2 = [4]