| ​​import matplotlib.pyplot as plt  import numpy as np  xpoints = np.array([0, 6])  ypoints = np.array([0, 250])  **\_\_\_\_\_\_fill the blank\_\_\_\_\_\_**  plt.show() |  |
| --- | --- |

Q1) The left side of the table shows python code, and the right side shows the resulting image from the code. There is one line (in red) missing. What one of the followings shall be filled in the blank above:

a: plt.plot(xpoints, ypoints)

b: plt.subplot(xpoints, ypoints)

c: plot(xpoints, ypoints)

d: subplot(xpoints, ypoints)

Ans: a

​​

| import matplotlib.pyplot as plt  import numpy as np  xpoints = np.array([1, 8])  ypoints = np.array([3, 10])  **\_\_\_\_\_\_fill the blank\_\_\_\_\_\_**  plt.show() |  |
| --- | --- |

Q2) The left side of the table shows python code, and the right side shows the resulting image from the code. There is one line (in red) missing. What one of the followings shall be filled in the blank above:

a: plt.plot(xpoints, ypoints, ‘0’)

b: plt.plot(xpoints, ypoints, 'o')

c: plt.plot(xpoints, ypoints, 'or')

d: plt.plot(xpoints, ypoints, ‘circle’)

Ans: b

​​

| import matplotlib.pyplot as plt  import numpy as np  ypoints = np.array([3, 8, 1, 10])  **\_\_\_\_\_\_fill the blank\_\_\_\_\_\_**  plt.show() |  |
| --- | --- |

Q3) The left side of the table shows python code, and the right side shows the resulting image from the code. There is one line (in red) missing. What one of the followings shall be filled in the blank above:

a: plt.plot(xpoints, ypoints)

b: plt.plot(xpoints, ypoints, ‘o:r’)

c: plt.plot(ypoints)

d: plt.plot(ypoints, ‘o:r’)

Ans: d

​​

| import matplotlib.pyplot as plt  import numpy as np  x1 = np.array([0, 1, 2, 3])  y1 = np.array([3, 8, 1, 10])  x2 = np.array([0, 1, 2, 3])  y2 = np.array([6, 2, 7, 11])  **\_\_\_\_\_\_fill the blank\_\_\_\_\_\_**  plt.show() |  |
| --- | --- |

Q4) The left side of the table shows python code, and the right side shows the resulting image from the code. There is one line (in red) missing. What one of the followings shall be filled in the blank above:

A: plt.plot(x1, x2, y1, y2)

B: plt.plot(x1, y1, x2, y2)

C: plt.plot(y1, x1, y2, x2)

D: plt.plot(y1, y2, x1, x2)

Ans: B

| import matplotlib.pyplot as plt  import numpy as np  x = np.array([0, 1, 2, 3])  y = np.array([3, 8, 1, 10])  **\_\_\_\_\_\_fill the blank\_\_\_\_\_\_**  plt.plot(x,y)  x = np.array([0, 1, 2, 3])  y = np.array([10, 20, 30, 40])  **\_\_\_\_\_\_fill the blank\_\_\_\_\_\_**  plt.plot(x,y)  plt.show() |  |
| --- | --- |

Q5) The left side of the table shows python code, and the right side shows the resulting image from the code. There are two missing lines (in red). What one of the followings shall be filled in the blanks above:

A:

plt.subplot(2, 1, 1)

plt.subplot(2, 1, 2)

B:

plt.subplot(1,2, 1)

plt.subplot(1,2, 2)

C:

plt.subplot(2,1, 2)

plt.subplot(2,2, 1)

D:

plt.subplot(1,2, 2)

plt.subplot(1,2, 1)

Ans: B