1. **What happens when this code execute?**

List\_num = []

For i in range(6):

List\_num.append(i)

List\_num contain numbers from 0 to 5

List\_num contain numbers from 1 to 6

List\_num contain numbers from 5 to 0 (descending order)

1. **How the list will look like, after this code execute?**

List\_num = [10, 20, 30]

For i in range(40, 91, 10):

List\_num.append(i)

[10, 20, 30, 40, 50, 60, 70, 80, 90]

[40, 50, 60, 70, 80, 90, 10, 20, 30]

1. **How the list will look like, after this code execute?**

List\_num = [10, 20, 30]

For i in range(40, 91, 10):

List\_num.insert(0, i)

[10, 20, 30, 40, 50, 60, 70, 80, 90]

[40, 50, 60, 70, 80, 90, 10, 20, 30]

[90, 80, 70, 60, 50, 40, 10, 20, 30]

1. **How the list will look like, after this code execute?**

List\_num = [10, 20, 30]

For i in range(40, 91, 10):

List\_num.insert(-1, i)

[10, 20, 30, 40, 50, 60, 70, 80, 90]

[40, 50, 60, 70, 80, 90, 10, 20, 30]

[90, 80, 70, 60, 50, 40, 10, 20, 30]

1. **Predict the output**

List\_num = [10, 20, 30]

For i in range(3):

print(i)

1. **Predict the output**

List\_num = [10, 20, 30]

for i in range(3):

print(i, “-”, List\_num[i])

1. **Predict the output**

List\_num = [10, 20, 30]

for i in range(len(List\_num)):

print(i, List\_num[i])

1. **Predict the output**

List\_num = [10, 20, 30, 20, 50, 80, 60, 30, 70, 32]

for i in range(len(List\_num)):

if List\_num[i] > 45:

print(i+1, ‘- Passed’)

else:

print(i+1, ‘- failed’)

1. **Predict the output**

List\_num = [10, 20, 30, 20, 50, 80, 60, 30, 70, 32]

for i in List\_num:

if List\_num[i] > 45:

print(i+1, ‘- Passed’)

else:

print(i+1, ‘- failed’)

1. **Predict the output**

List\_num = [10, 20, 30, 20, 50, 80, 60, 30, 70, 32]

for i in List\_num:

if i > 45:

print(i, ‘- Passed’)

else:

print(i, ‘- failed’)