Q1/

Output 1:

Hey from message1

// just one method .

Q2/

Output 1:

Hey from message1

Hey from message2

// First message 1, because the second method based on method one by Qualifier.

Q3/

Output1 :

Hey from message1

Hey from message3

Hey from message2

// first message 1 , because it'e not based any method.

// after that message 3 , because the second method based on third method by Qualifier.

Output2 :

Hey from message3

Hey from message2

Hey from message1

// first message 3 , because it'e not based any method.

// after that message 2 , because it'e based on third method by Qualifier.

// finally message 1 , because it'e not based any method.

Output3 :

Hey from message3

Hey from message1

Hey from message2

// first message 3 , because it'e not based any method.

// after that message 1 , because it'e not based any method.

// finally message 2 , because it'e based on third method by Qualifier.

Q4/

Output1 :

Hey from message1

Hey from Main controller

Hey from message3

Hey from message2

// first message 1 , because it'e not based any method.

// after that the constructor , because it'e based on first method by Qualifier.

// then message 3 , because it'e not based any method.

// finally message 2 , because it'e based on third method by Qualifier.

Output2 :

Hey from message3

Hey from message2

Hey from message1

Hey from Main controller

// first message 3 , because it'e not based any method.

// after that message 2 , because it'e based on third method by Qualifier.

// then message 1 , because it'e not based any method.

// finally that the constructor , because it'e based on first method by Qualifier.

Output3 :

Hey from message3

Hey from message1

Hey from message2

Hey from Main controller

// first message 3 , because it'e not based any method.

// after that message 1 , because it'e not based any method.

// then message 2 , because it'e based on third method by Qualifier.

// finally that the constructor , because it'e based on first method by Qualifier.

Output4 :

Hey from message3

Hey from message1

Hey from Main controller

Hey from message2

// first message 3 , because it'e not based any method.

// after that message 1 , because it'e not based any method.

// then that the constructor , because it'e based on first method by Qualifier.

// finally message 2 , because it'e based on third method by Qualifier.

Q5/

Output1 :

Hey from message3

Hey from message2

Hey from Main controller

Hey from message1

// first message 3 , because it'e not based any method.

// after that message 2 , because it'e based on third method by Qualifier.

// then that the constructor , because it'e based on second method by Qualifier.

// after that message 1 , because it'e based constructor by parameter .