# Exercise-Spring-Container-Application

/ Q1

The output is (hey from message1)

We add @Bean to declare the method of creating the bean in the @Configuration class and there is only one possibility, which is to print hey from message 1

Q2

the output is

hey from message1

hey from message2

The reason is because we added @Qualifier("1") inside parameter of method getmassage2 and a variable of type String was previously saved inside inside container. If we change the print statement in method getmassege2 to the variable we defined it as data, it will print the number 1.

Q3/

The output is

hey from message1

hey from message3

hey from message2

It prints the getmessage 1 method first, then the getmessage3 method before the getmessage2 method, because there is a parameter inside the getmessage 2 method @Qualaifier3. There are several possibilities, such as if we delete (hey from message 2) inside the print statement of getmassege2 and write a data variable, it will print the number 3 inside method getmessage3.

Q4/

The output is:

hey from message1

hey from Conroller1

hey from message3

hey from message2

It will execute getmassege1 first, then it will execute getmassege 3, then it will execute getmassege2, and then it will execute the constructor MainController. If we add the variable inside the print statement, it will print the number 1 because it is the return that is in getmassege1.

Q5/

Here we have changed the qualifier from 1 to2 so it will print first the gatmassege1 then get message3 then getmessage getmasseage2 then the constructor of MainController. If we change the print statement and insert a data variable inside it, it will print the number in the return getmassege3 which is 3 because there is Qualifier(3) inside the parameter of getmassege2 , There are only two possibilities, which is if we change the Qualifier from2 to 1 it will print 1. For this reason, there are only two possibilities, which is that it will print 1 or 3.