

What is the output ?

Q1

```
1 usage
  @SpringBootApplication
  public class SpringPollApplication {

      public static void main(String[] args) { SpringApplication.run(SpringPollApplication.class, args); }

      @Bean
      public String getMessage1(){
          System.out.println("hey from message1");
          return "1";
      }
  }
```

Q2

```
1 usage
  @SpringBootApplication
  public class SpringPollApplication {

      public static void main(String[] args) { SpringApplication.run(SpringPollApplication.class, args); }

      @Bean
      @Qualifier("1")
      public String getMessage1(){
          System.out.println("hey from message1");
          return "1";
      }

      @Bean
      public String getMessage2(@Qualifier("1") String data ){
          System.out.println("hey from message2");
          return data ;
      }
  }
```

Q3

```
@Bean
@Qualifier("1")
public String getMessage1(){
    System.out.println("hey from message1");
    return "1";
}

@Bean
@Qualifier("2")
public String getMessage2(@Qualifier("3") String data ){
    System.out.println("hey from message2");
    return data;
}

@Bean
@Qualifier("3")
public String getMessage3(){
    System.out.println("hey from message3");
    return "3" ;
}
```

Q4

```
@Bean
@Qualifier("1")
public String getMessage1(){
    System.out.println("hey from message1");
    return "1";
}

@Bean
@Qualifier("2")
public String getMessage2(@Qualifier("3") String data ){
    System.out.println("hey from message2");
    return data;
}

@Bean
@Qualifier("3")
public String getMessage3(){
    System.out.println("hey from message3");
    return "3" ;
}
```

```
@Component
public class MainController {

    1 usage
    String data;

    public MainController(@Qualifier("1") String data){
        this.data=data;
        System.out.println("hey from Main controller");
    }
}
```

Q5

```
15
16 @Bean
17 @Qualifier("1")
18 public String getMessage1(MainController mainController){
19     System.out.println("hey from message1");
20     return "1";
21 }
22
23 @Bean
24 @Qualifier("2")
25 public String getMessage2(@Qualifier("3") String data ){
26     System.out.println("hey from message2");
27     return data;
28 }
29
30 @Bean
31 @Qualifier("3")
32 public String getMessage3(){
33     System.out.println("hey from message3");
34     return "3" ;
35 }
```

```
import org.springframework.beans.factory.annotation.Qualifier;
import org.springframework.stereotype.Component;
```

1 usage

@Component

```
public class MainController {
```

1 usage

```
String data;
```

```
public MainController(@Qualifier("2") String data){
```

```
    this.data=data;
```

```
    System.out.println("hey from Main controller");
```

```
}
```

```
}
```