

Polaris interview questions:

1. What are the selenium commands?

- i. Browser commands
- ii. Browser navigation commands
- iii. Web element commands
- iv. Find element commands
- v. Check box & radio button
- vi. Drop down and multiple select

2. How will you launch browser?

- i. Add jar (selenium)
 - ii. Browser driver
- We first add the selenium jar in library

For ex, Firefox launching

```
public class FacebookAccount {  
    public static void main(String[] args) {  
        System.setProperty("webdriver.gecko.driver",  
                            "C:/Users/siva/workspace/Selenium/driver/geckodriver.exe");  
  
        WebDriver driver = new FirefoxDriver();  
        driver.get("https://www.facebook.com/");  
  
        driver.quit();  
    }  
}
```

3. Web driver is a class or interface?

Webdriver is an interface

4. What is the difference between get() and navigate()?

- If we use get() method, it only launch the url
- But if we use navigate() method, we can perform back(), refresh() and forward() action

5. What is the use of interface?

There are mainly three reasons to use interface. They are given below.

- It is used to achieve abstraction.
- By interface, we can support the functionality of multiple inheritance.
- It can be used to achieve loose coupling.

6. What is abstract class?

Partially Abstraction (Abstract class):

- It will support abstract method and non-abstract method.
- We can't create object for abstract class because in the method signature we didn't mention any business logic. so
- In abstract method, we only mention abstract signature, won't create business logic
- It have 2 class, abstract class(sub class) and super class. we create object and business logic only in super class, won't create in abstract class

7. Explain about database connection?

JDBC Connection Steps:

1. Load driver
2. Connect to database
3. Write sql query
4. Prepare the statement
5. Set the values
6. Execute query

8. What are all the core java concepts used in selenium?

- List
- Set
- Map
- Inheritance

9. What is map?

Map:

- It is key and value pair
- Here key + value is a one entry
- Key ignore the duplicate value and value allow the duplicate

10. What is checked exception?

- Compile time exception are called checked exception

Checked exception:

- 1. IOException
- 2. SQLException
- 3. FileNotFoundException
- 4. ClassNotFoundException

11. Checked exception is compile time exception or run time?

It is compile time exception

12. How will you handle the compile time exception?

- Using try-catch block or using throws keyword we can handle this exception

13. Difference between close() and quit()?

- Close() → it will close the current browser
- Quit() → it will destroy the webdriver object