**Java Exception handling quiz:**

1.public class JavaExceptionHandlingQuiz

{

public static void main(String[] args)

{

try

{

System.out.println("Try Block");

}

System.out.println("-----");

catch (Exception e)

{

System.out.println("Catch Block");

}

}

}

What will be the output of the following program?

This is a compile-time error.

The catch must immediately follow try (or a finally), but here there’s a statement System.out.println("-----");

**Output:** No output → **Compilation Error**

2.public class JavaExceptionHandlingQuiz

{

public static void main(String[] args)

{

int i = 1;

try

{

i++;

}

catch (Exception e)

{

i++;

}

finally

{

i++;

}

System.out.println(i);

}

}

 Start: i = 1

 try: increments → i = 2

 No exception → catch skipped

 finally: increments → i = 3

 **Output: 3**

3.What will be the output of the following program?

public class JavaExceptionHandlingQuiz

{

public static void main(String[] args)

{

try

{

System.out.println(1);

int i = 100 / 0;

System.out.println(2);

}

catch (Exception e)

{

System.out.println(3);

}

}

}

* Prints 1
* Division by zero → catch executes
* Prints 3
* **Output:1**

**3**

4.What will be the output of the following program?

public class JavaExceptionHandlingQuiz

{

public static void main(String[] args)

{

try

{

System.out.println(1);

}

catch (Exception e)

{

System.out.println(2);

}

System.out.println(3);

finally

{

System.out.println(4);

}

}

}

finally must directly follow try or catch, but here System.out.println(3); is placed before it, which is invalid.

**Output:** Compilation Error.

5.What will be the output of the following program?

public class JavaExceptionHandlingQuiz

{

public static void main(String[] args)

{

System.out.println(1);

try

{

System.out.println(2);

int i = Integer.parseInt("ABC");

System.out.println(3);

}

catch (Exception e)

{

System.out.println(4);

}

finally

{

System.out.println(5);

}

System.out.println(6);

}

}

Prints 1

Enters try, prints 2

Parsing "ABC" throws NumberFormatException

Skips System.out.println(3) and goes to catch

Prints 4

Executes finally, prints 5

After finally, prints 6

**Output:**

1

2

4

5

6