1. What will be the output of following program? Find out if error then compilation error or runtime error

```
class Main {
  public static void main(String args[]) {
    try {
      throw 404;
    }
    catch(int e) {
      System.out.println("int exception " + e);
    }
  }
}
```

2. What will be the output of following program? Find out if error then compilation error or runtime error

```
class Test extends Exception { }

class Main {
        static public void meth1(){
                System.out.println("meth1 Called");
                throw new Test();
        }
        public static void main(String args[]) {
    try {
      Main.meth1();
    }
    catch(Test t) {
      System.out.println("Got the Test Exception");
    }
    finally {
      System.out.println("Inside finally block ");
    }
  }
}
```

3. What will be the output of following program? Find out if error then compilation error or runtime error

```
package mind;
public class Remember {
        public static void think() throws Exception {
                throw new Exception();
        }
        public static void main(String[] args) throws Exception {
                think();
        }
}
```

4. What will be the output of following program? Find out if error then compilation error or runtime error

```java
package game;
public class Hockey {
        public static void main(String[] args) {
                try {
                        int score = 1;
                        System.out.println(score++);
                }catch(Exception e) {
                        System.out.println(score++);
                } finally {
                        System.out.println(score++);
                }
                System.out.println(score++);
        }
}
```

5. What will be the output of following program? Find out if error then compilation error or runtime error

```java
package game;
public class Hockey {
        public static void main(String[] args) {
                try {
                        System.out.println('A');
                        throw new RuntimeException("Char not allowed!");
                }catch(Exception e) {
                        System.out.println('B');
                        throw e;
                } finally {
                        System.out.println('C');
                }
        }
}
```

6. What will be the output of following program? Find out if error then compilation error or runtime error

```
package game;
public class Hockey {
        public static void main(String[] args) {
                try {
                        System.out.println(1);
                        throw new ClassCastException();
                }
                catch(ArrayIndexOutOfBoundsException e) {
                        System.out.println(2);
                        throw e;
                }
                catch(RuntimeException e) {
                        System.out.println(3);
                        throw e;
                } finally {
                        System.out.println(4);
                }
                System.out.println(5);
        }
}
```

7. What will be the output of following program? Find out if error then compilation error or runtime error

```
class Base extends Exception {}
class Derived extends Base  {}

public class Main {
  public static void main(String args[]) {
   try {
      throw new Derived();
    }
    catch(Base b)    {
      System.out.println("Base");
    }
    catch(Derived d)  {
      System.out.println("Derived");
    }
  }
}
```

8. What will be the output of following program? Find out if error then compilation error or runtime error

```
class Test
{
  public static void main (String[] args)
  {
    try{
      int a = 0;
      System.out.println ("a = " + a);
      int b = 100 / a;
      System.out.println ("b = " + b);
    }
    finally
    {
      System.out.println ("inside the finally block");
    }
          System.out.println("End of App");
    }
}
```

9. What will be the output of following program? Find out if error then compilation error or runtime error

```
class Test
{
  public static void main(String[] args)
  {
    try
    {
      int a[]= {1, 2, 3, 4};
      for (int i = 1; i <= 4; i++)
      {
        System.out.println ("a[" + i + "]=" + a[i] + "n");
      }
    }
  }
}
```

10. What will be the output of following program? Find out if error then compilation error or runtime error

```
public class Test6 {
        public static int meth1(){
                int result = 0;
                try {
                        result = 1;
                        System.out.println("return value");
                        return result;
                }
                finally {
                        System.out.println("In finally");
                }
        }
        public static void main(String[] args) {
```

```java
                int result = Test6.meth1();
                System.out.println(result);
        }
}
```