Q1.Ans

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```java
package Feb7;

class Car {
}

class Hatchback extends Car {
}

class Suv extends Car {
}

public class Q1 {
    public static void main(String[] args) {
        try {
            Car c1 = new Hatchback();
            Hatchback h1 = (Hatchback) c1;
            Car c2 = new Suv();
            Hatchback h2 = (Hatchback) c2;
        } catch (ClassCastException e) {
            System.err.println("Exception_Caught!");
            e.printStackTrace();
        }
    }
}
```

Output:

```
Exception_Caught!
java.lang.ClassCastException: Feb7.Suv cannot be cast to Feb7.Hatchback
        at Feb7.Q1.main(Q1.java:18)
```

Q2.Ans

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```java
package Feb7;

import java.util.Scanner;

public class Q2 {
    public static void main(String[] args) {
        float a, b;
        String str;
        Scanner sc = new Scanner(System.in);
```

```
     System.out.println("Enter a & b: ");
     try {
         a = Float.parseFloat(sc.next());
         b = Float.parseFloat(sc.next());
         str = String.valueOf(a + b);
         System.out.println(str);
     } catch (Exception e) {
         e.printStackTrace();
     }
   }
}
```

Output:

```
Enter a & b:
1.2f
java.lang.NumberFormatException: For input string: "1.2F"
        at
java.lang.NumberFormatException.forInputString(NumberFormatException.java:65)
        at java.lang.Integer.parseInt(Integer.java:580)
        at java.lang.Integer.parseInt(Integer.java:615)
        at Feb7.Q2.main(Q2.java:13)
```

Q3.Ans
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```
package Feb7;
public class Q3 {
   public static void main(String[] args) {
     int[] array = new int[10];
     int sum = 0;
     try{
         for (int i = 0; i < 11; i++) {
            sum = sum + array[i];
     }
         System.out.println(sum);
     }
     catch (Exception e){
         e.printStackTrace();
     }
   }
}
```

Output:

```
For i<11;
```

```
java.lang.ArrayIndexOutOfBoundsException: 10
        at Feb7.Q3.main(Q3.java:9)
```