Question 1:

```java
int k=10;
switch(k)
{
    case 10:
        System.out.println("ten");
    case 20:
        System.out.println("twenty");
        break;
    default:
        System.out.println("This is the default output");
}
```

Output:

```
ten
twenty
```

Question 2:

```java
int k=10;
switch(k)
{
    default:
        System.out.println("This is the default output");
        break;
    case 10:
        System.out.println("ten");
        break;
    case 20:
        System.out.println("twenty");
        break;
}
```

Output:

```
ten
```

Question 3:

```java
public static void main(String[] args)
{
    boolean b=true;
    if(b)
        
        System.out.println("The value of b was true");
    
```
else
{
    System.out.println("The value of b was false");
}

Output:
The value of b was true

Question 4:

import java.util.*;
public class q4
{
    public static void main (String args [])
    {
        Scanner keyboard = new Scanner(System.in);
        System.out.println ("Welcome to Age Classification Program.");
        System.out.print ("Enter age :");
        int age = keyboard.nextInt ();
        if (age == 0) // for a person born, but not yet having reached first birthday
            System.out.println ("Person aged " + age + " is a baby.");
        else if age <= 12 // for person between 1 and 12
            System.out.println ("Person aged " + age + " is a child.");
        else if (12 < age <= 19) // for person between 13 and 19
            System.out.println ("Person aged " + age + " is a teenager.");
        else if (19 > age && age <= 65) // for person between 20 and 65
            System.out.println ("Person aged " + age + " is an adult.");
        else if (age > 65 && age <= 120) // for person older than 65
            System.out.println ("Person aged " + age + " is a senior citizen.");
        else // for unknown age
        {
            System.out.println ("Unknown age classification.");
        }
        System.out.println ("");
        System.out.println ("Done with Age Classification Program.");
    }
}

Output:
errors