SWITCH statement

1. SWITCH statement
2. Debugging SWITCH statement

SWITCH statement

1. SWITCH statement

Primitive datatypes: byte, short, char, int, String

```
switch (some value to consider) {
  case value 1:
    //code block respond to value 1
     break;
  case value 2:
    //code block respond to value 2
    break;
  default:
    //otherwise, do something else
    break;
}
//more code
```

1. SWITCH statement

```
switch (some value to consider) {
  case value 1:
    //code block respond to value 1
     break;
  case value 2:
    //code block respond to value 2
    break;
  default:
    //otherwise, do something else
    break;
}
//more code
```

1. SWITCH statement

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switch (some value to consider) {
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  case value 2:
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    break;
  default:
    //otherwise, do something else
    break;
}
//more code
```

SWITCH

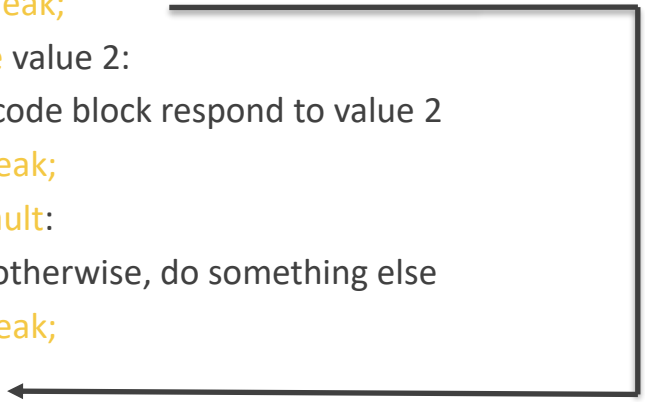
Selecciona entre estas acciones en función de un valor

1. SWITCH statement

```
switch (some value to consider) {
  case value 1:
    //code block respond to value 1
     break;
  case value 2:
    //code block respond to value 2
    break;
  default:
    //otherwise, do something else
    break;
}
//more code
```

1. SWITCH statement

```
switch (some value to consider) {
  case value 1:
    //code block respond to value 1
     break;
  case value 2:
    //code block respond to value 2
    break;
  default:
    //otherwise, do something else
    break;
}
//more code
```



1. SWITCH statement

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  case value 1:
    //code block respond to value 1
     break;
  case value 2:
    //code block respond to value 2
    break;
  default:
    //otherwise, do something else
    break;
}
//more code
```

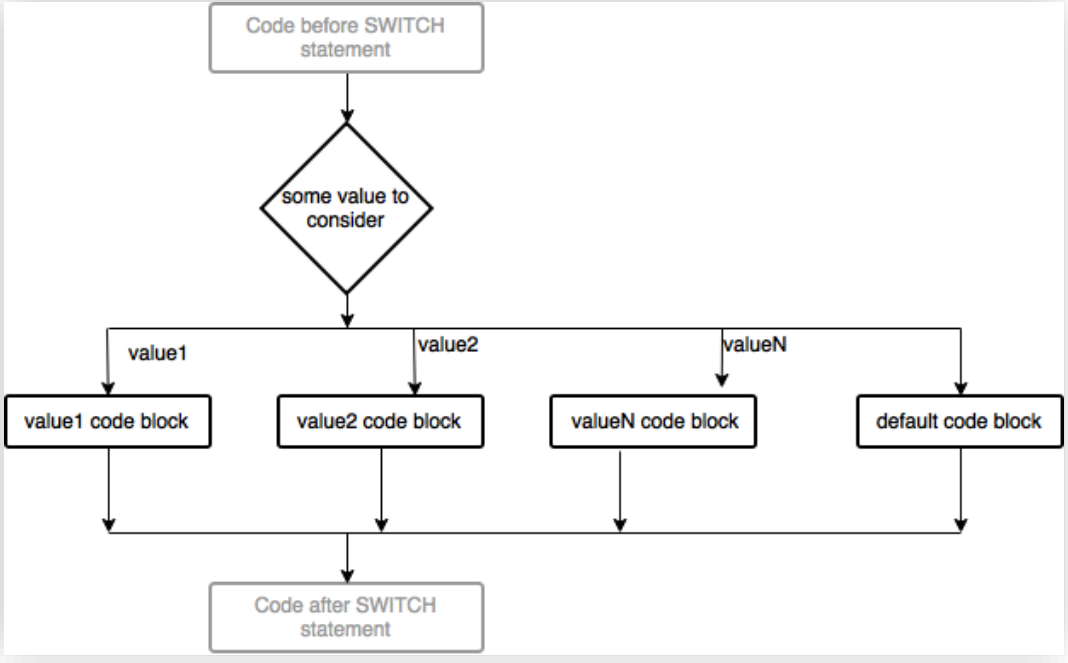

1. SWITCH statement

```
int month = 8;
String monthString;
switch (month) {
  case 1: monthString = "January"; break;
  case 2: monthString = "February"; break;
  case 3: monthString = "March"; break;
  case 4: monthString = "April"; break;
  case 5: monthString = "May"; break;
  case 6: monthString = "June"; break;
  case 7: monthString = "July"; break;
  case 8: monthString = "August"; break;
  case 9: monthString = "September"; break;
  case 10: monthString = "October"; break;
  case 11: monthString = "November"; break;
  case 12: monthString = "December"; break;
  default: monthString = "Invalid month"; break;
}
System.out.println(monthString);

//prints:
// August
```

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int month = 8;
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}
System.out.println(monthString);

//prints:
// August
```

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  case 12: monthString = "December"; break;
  default: monthString = "Invalid month"; break;
}
System.out.println(monthString);

//prints:
// August
```
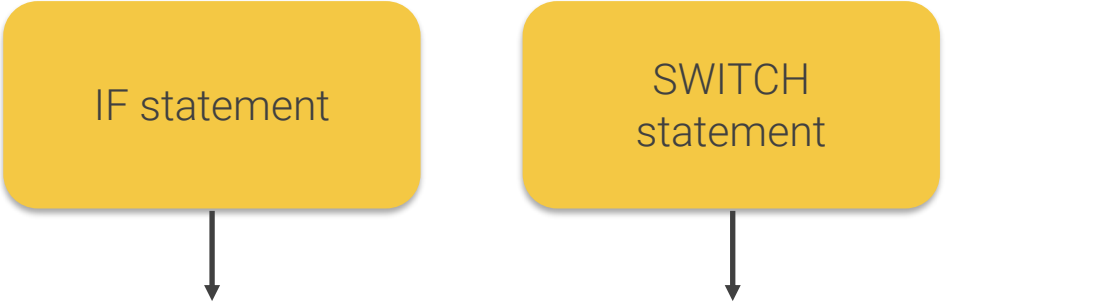

1. SWITCH statement

```
int month = 8;
String monthString;
if (month == 1) {
   monthString = "January";
} else if (month == 2) {
   monthString = "February";
} else if (month == 3) {
   monthString = ”March";
} else if (month == 4) {
   monthString = ”April";
}
// … and so on
System.out.println(monthString);
```

1. SWITCH statement



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  case 11: monthString = "November"; break;
  case 12: monthString = "December"; break;
  default: monthString = "Invalid month"; break;
}
System.out.println(monthString);

//prints:
// October
```

break missing

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  case 12: monthString = "December"; break;
  default: monthString = "Invalid month"; break;
}
System.out.println(monthString);

//prints:
// October
```
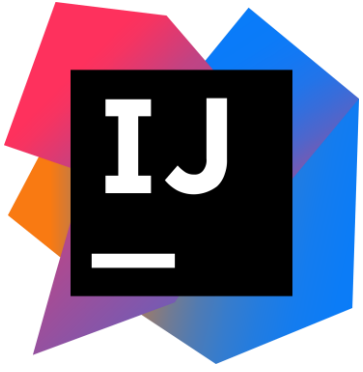

Debugging SWITCH statement

2. Debugging SWITCH statement



“El verdadero signo de la inteligencia no es el conocimiento, sino la imaginación”

Albert Einstein