

Pattern Matching



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Overview



What is Pattern Matching?

Pattern Match on *Constants*

Pattern Match on *Case Classes*

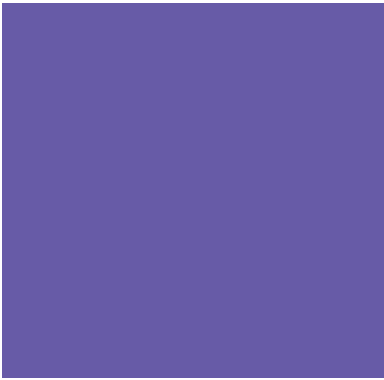
Pattern Match on *Sequences*

Pattern Match on *Types*

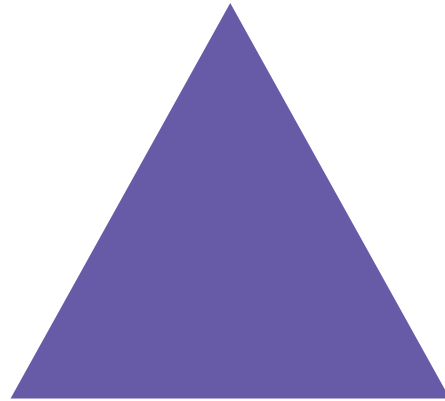
Guarding your Patterns



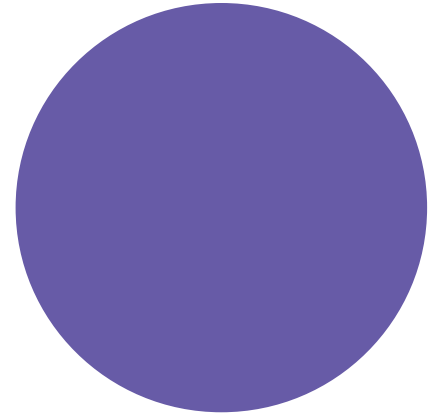
Shape Patterns



Square



Triangle



Circle



Pattern matching is a mechanism for checking a value against a pattern. A successful match can also deconstruct a value into its constituent parts.

<https://docs.scala-lang.org/tour/pattern-matching.html>

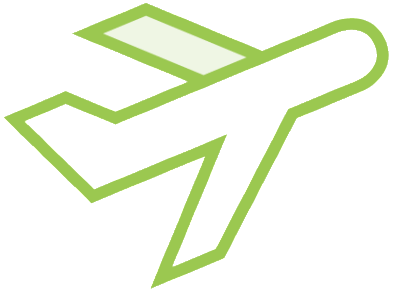


Structure of Pattern Match

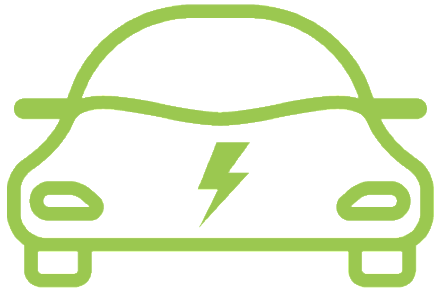
```
<objectToMatch> match {  
  case <pattern 1> => // body to follow  
  case <pattern 2> => // body to follow  
  ...  
}
```



Lottery Outcomes



Trip



Car



Cash



No Prize



Summary



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Guarding your Patterns

