

Scala Pattern Matching

Pattern matching is a feature of scala. It works same as switch case in other programming languages. It matches best case available in the pattern.

Let's see an example.

Scala Pattern Matching Example

```
object MainObject {  
  def main(args: Array[String]) {  
    var a = 1  
    a match{  
      case 1 => println("One")  
      case 2 => println("Two")  
      case _ => println("No")  
    }  
  }  
}
```

In the above example, we have implemented a pattern matching.

Here, match using a variable named a. This variable matches with best available case and prints output. Underscore (_) is used in the last case for making it default case.

Output:

One

Match expression can return case value also. In next example, we are defining method

having a match with cases for any type of data. **Any is a class in scala which is a super class of all data types and deals with all type of data.** Let's see an example.

Scala Pattern Matching Example2

```
object MainObject {  
  def main(args: Array[String]) {  
    var result = search ("Hello")  
    print(result)  
  }  
  def search (a:Any):Any = a match{  
    case 1 => println("One")  
    case "Two" => println("Two")  
    case "Hello" => println("Hello")  
    case _ => println("No")  
  }  
}
```

Output:

Hello