Enumerated Datatypes

-Devendranath

- Enumerated datatypes are user defined datatypes. Enumerated datatypes holds user specified values.
- Enumerated datatypes are defined using keyword **enum**.

```
// SYNTAX
enum NewDatatype
{
   case valueOne
   case valueTwo
   case valueThree
   ...
   ...
   ...
   case valueFour
   case valueFive
   case valueSix
}


   enum WEEKDAY
   {
        case MONDAY
        case TUESDAY
        case WEDNEDAY
        case THURSDAY
        case FRIDAY

   }
```

```
enum WEEKENDS
{
    case SUNDAY, SATURDAY
}


enum Month: Int
{
    case January = 1, February, March, April, May, June,
July, August, September, October, November, December
}
```

```swift
func getDayName(aDay: WEEKDAY) -> String
    {
        switch aDay
        {
        case .MONDAY:
            return "Monday";
        case .TUESDAY:
            return "Tuesday";
        case .WEDNESDAY:
            return "Wednesday";
        case .THURSDAY:
            return "Thursday";
        case WEEKDAY.FRIDAY:
            return "Friday";
        default:
            return "Not a weekday";
        }
    }

print(getDayName(.Monday)); // MONDAY
```

Thank You

Raw values, Associated values