myjava.myutil

Class myDatee

- java.lang.Object
-
  - myjava.myutil.myDatee

-

```
public class myDatee
extends java.lang.Object
```

class representing the Date class in util and its functionalities using mydate

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  - **Field Summary**

Fields

Modifier and Type	Field and Description
int	**date**
int	**day**
java.lang.String	**dayy**
int	**hours**
int	**min**
java.lang.String	**mon**
int	**month**
int	**sec**
int	**year**

◦ Constructor Summary

<div align="center">Constructors</div>

Constructor and Description

myDatee()
default constructor initialising date as system date

myDatee(int d, int m, int y)
explicit constructor initialising date and time.

myDatee(int da, int d, int m, int y, int h, int mn, int s)
explicit constructor initialising date and time.

◦ Method Summary

<div align="center">Methods</div>

Modifier and Type	Method and Description
int	**after**(myDatee d) A method to check whether a date is after a specified date
int	**before**(myDatee d) A method to check whether a date is before a specified date
int	**compareTo**(myDatee d) A method to compare two dates
int	**equals**(myDatee d) A method to check whether the dates are equal or not
int	**getDate**() A method that returns the date
java.lang.String	**getDay**() A method that returns the day
void	**getFullDate**()

void	A method to get the Date
int	**getHours**() A method to get the hours
int	**getMinutes**() A method to get the minutes
java.lang.String	**getMonth**() A method that returns the month
int	**getSeconds**() A method to get the seconds
void	**getTime**() A method to get the Time
int	**getYear**() A method that returns the year
void	**setDate**(int d) A method to set the date
void	**setDay**(int da) A method to set the day
void	**setFullDate**() A method to set the Date
void	**setHours**(int h) A method to set the hours
void	**setMinutes**(int m) A method to set the minutes
void	**setMonth**(int m) A method to set the month
void	**setSeconds**(int s) A method to set the seconds
void	**setTime**()

void	A method to set the Time
void	**setYear**(int y) A method to set the year
java.lang.String	**toString**() A method to convert a date object to a String

- **Methods inherited from class java.lang.Object**

  clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

- - **Field Detail**

    - **day**

      public int day

    - **month**

      public int month

    - **date**

      public int date

    - **year**

      public int year

    - **hours**

```
public int hours
```

- **min**

```
public int min
```

- **sec**

```
public int sec
```

- **mon**

```
public java.lang.String mon
```

- **dayy**

```
public java.lang.String dayy
```

○ **Constructor Detail**

- **myDatee**

```
public myDatee()
```

default constructor initialising date as system date

- **myDatee**

```
public myDatee(int da,
```

```
        int d,
        int m,
        int y,
        int h,
        int mn,
        int s)
```

explicit constructor initialising date and time.

Parameters:

`da` - day

`d` - date

`m` - month

`y` - year

`h` - hours

`m` - minutes

`s` - seconds

- ■ **myDatee**

```
public myDatee(int d,
        int m,
        int y)
```

explicit constructor initialising date and time.

Parameters:

`d` - date

`m` - month

`y` - year

- ○ **Method Detail**

- **getDay**

```
public java.lang.String getDay()
```

A method that returns the day

Returns:
        String

- **getDate**

```
public int getDate()
```

A method that returns the date

Returns:
        int

- **getMonth**

```
public java.lang.String getMonth()
```

A method that returns the month

Returns:
        String

- **getYear**

```
public int getYear()
```

A method that returns the year

Returns:
      int

- **getFullDate**

```
public void getFullDate()
```

A method to get the Date

- **setDay**

```
public void setDay(int da)
```

A method to set the day

Parameters:
      `da` - day

- **setDate**

```
public void setDate(int d)
```

A method to set the date

Parameters:
      `d` - date

- **setYear**

```
public void setYear(int y)
```

A method to set the year

Parameters:
    `y` - year

- **setMonth**

```
public void setMonth(int m)
```

A method to set the month

Parameters:
    `m` - month

- **setFullDate**

```
public void setFullDate()
```

A method to set the Date

- **getHours**

```
public int getHours()
```

A method to get the hours

Returns:
    int

- **getMinutes**

  ```
  public int getMinutes()
  ```

  A method to get the minutes

  Returns:
      int

- **getSeconds**

  ```
  public int getSeconds()
  ```

  A method to get the seconds

  Returns:
      int

- **getTime**

  ```
  public void getTime()
  ```

  A method to get the Time

- **setHours**

  ```
  public void setHours(int h)
  ```

  A method to set the hours

  Parameters:

- **setMinutes**

```
public void setMinutes(int m)
```

A method to set the minutes

Parameters:
> m - minutes

- **setSeconds**

```
public void setSeconds(int s)
```

A method to set the seconds

Parameters:
> s - seconds

- **setTime**

```
public void setTime()
```

A method to set the Time

- **equals**

```
public int equals(myDatee d)
```

A method to check whether the dates are equal or not

Parameters:
     `d` - object of myDate
Returns:
     int

- ### after

```
public int after(myDatee d)
```

A method to check whether a date is after a specified date

Parameters:
     `d` - object of myDate
Returns:
     int

- ### before

```
public int before(myDatee d)
```

A method to check whether a date is before a specified date

Parameters:
     `d` - object of myDate
Returns:
     int

- ### compareTo

```
public int compareTo(myDatee d)
```

A method to compare two dates

Parameters:
     `d` - object of myDate
Returns:
     int

- **toString**

```
public java.lang.String toString()
```

A method to convert a date object to a String

Overrides:
     `toString` in class `java.lang.Object`
Returns:
     String