

✓ **Q1. Create today's date object and print it.**

✓ **Answer:**

```
let today = new Date();  
console.log(today);
```

✓ **Q2. Get only the current year.**

✓ **Answer:**

```
let today = new Date();  
let year = today.getFullYear();  
console.log(year);
```

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✓ **Q3. Get current month number (0-11) and print it as human-readable (1-12).**

✓ **Answer:**

```
let month = today.getMonth() + 1;  
console.log(month);
```

✓ **Q4. Get today's date (day of month).**

✓ **Answer:**

```
let date = today.getDate();  
console.log(date);
```

✓ **Q5. Get current weekday (0 = Sunday, 6 = Saturday).**

✓ **Answer:**

```
let day = today.getDay();  
console.log(day);
```

✓ **Q6. Format date as YYYY-MM-DD.**

✓ **Answer:**

```
let yyyy = today.getFullYear();
```

```
let mm = String(today.getMonth() + 1).padStart(2, '0');  
let dd = String(today.getDate()).padStart(2, '0');
```

```
let formatted = `${yyyy}-${mm}-${dd}`;  
console.log(formatted);
```

## ✅ Q7. Create a Date object for 1 January 2000.

✅ Answer:

```
let y2k = new Date('2000-01-01');  
console.log(y2k);
```

## ✅ Q8. Add 7 days to today's date.

✅ Answer:

```
let newDate = new Date();  
newDate.setDate(newDate.getDate() + 7);  
console.log(newDate);
```

## ✅ Q9. Get current time (hours, minutes, seconds).

✅ Answer:

```
let hours = today.getHours();  
let minutes = today.getMinutes();  
let seconds = today.getSeconds();  
  
console.log(`${hours}:${minutes}:${seconds}`);
```

## ✅ Q10. Print timestamp (milliseconds since Jan 1, 1970).

✅ Answer:

```
let timestamp = today.getTime();  
console.log(timestamp);
```

## ✅ Bonus Question

✅ Q11. Difference between two dates in days.

★ Answer:

```
let date1 = new Date('2025-07-01');  
let date2 = new Date('2025-07-09');  
  
let diffMs = date2 - date1;  
let diffDays = diffMs / (1000 * 60 * 60 * 24);  
  
console.log(diffDays);
```

## 9. How do you parse a date string?

**Answer:**

```
Using Date.parse() or new Date(string)  
let ms = Date.parse('2025-07-09');  
console.log(ms);
```

## 11. How can you add days to a Date?

 Example:

```
let d = new Date();  
d.setDate(d.getDate() + 5);  
console.log(d);
```