JavaScript Object Methods with Examples

1. Object.assign()

```
const target = { a: 1 };
const source = { b: 2 };
const result = Object.assign(target, source);
console.log(result); // { a: 1, b: 2 }
```

2. Object.create()

```
const person = { isHuman: false };
const me = Object.create(person);
me.name = "Subhash";
console.log(me);
```

3. Object.defineProperty()

```
const obj = {};
Object.defineProperty(obj, "name", {
  value: "Subhash",
  writable: true
});
console.log(obj.name);
```

4. Object.defineProperties()

```
const obj = {};
Object.defineProperties(obj, {
  name: { value: "Subhash" },
  age: { value: 25 }
});
console.log(obj);
```

5. Object.entries()

```
const obj = { a: 1, b: 2 };
console.log(Object.entries(obj));
```

6. Object.freeze()

```
const obj = { name: "Subhash" };
Object.freeze(obj);
obj.name = "Warkad";
console.log(obj.name);
```

7. Object.fromEntries()

```
const entries = [["a", 1], ["b", 2]];
console.log(Object.fromEntries(entries));
```

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8. Object.getOwnPropertyDescriptor()

```
const obj = { name: "Subhash" };
console.log(Object.getOwnPropertyDescriptor(obj, "name"));
```

9. Object.getOwnPropertyDescriptors()

```
const obj = { name: "Subhash", age: 25 };
console.log(Object.getOwnPropertyDescriptors(obj));
```

10. Object.getOwnPropertyNames()

```
const obj = { a: 1, b: 2 };
console.log(Object.getOwnPropertyNames(obj));
```

11. Object.getOwnPropertySymbols()

```
const sym = Symbol("id");
const obj = { [sym]: 123 };
console.log(Object.getOwnPropertySymbols(obj));
```

12. Object.getPrototypeOf()

```
const obj = {};
console.log(Object.getPrototypeOf(obj));
```

13. Object.hasOwn()

```
const obj = { a: 1 };
console.log(Object.hasOwn(obj, "a"));
```

14. Object.is()

```
console.log(Object.is(NaN, NaN)); // true
console.log(Object.is(0, -0));    // false
```

15. Object.isExtensible()

```
const obj = {};
console.log(Object.isExtensible(obj));
```

16. Object.isFrozen()

```
const obj = Object.freeze({ name: "Subhash" });
console.log(Object.isFrozen(obj));
```

17. Object.isSealed()

```
const obj = Object.seal({ name: "Subhash" });
```

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```javascript
console.log(Object.isSealed(obj));
```

18. Object.keys()

```javascript
const obj = { a: 1, b: 2 };
console.log(Object.keys(obj));
```

19. Object.preventExtensions()

```javascript
const obj = { name: "Subhash" };
Object.preventExtensions(obj);
obj.age = 30;
console.log(obj.age);
```

20. Object.seal()

```javascript
const obj = { name: "Subhash" };
Object.seal(obj);
delete obj.name;
console.log(obj.name);
```

21. Object.setPrototypeOf()

```javascript
const proto = { greet: () => "Hello" };
const obj = {};
Object.setPrototypeOf(obj, proto);
console.log(obj.greet());
```

22. Object.values()

```javascript
const obj = { a: 1, b: 2 };
console.log(Object.values(obj));
```