

## JavaScript use strict

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DIY - 24

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### Question 1:

```
(function () {  
    'use strict';  
    var x = 3.14;  
    console.log(x);  
})();
```

Does the above code snippet run in strict mode? If yes, write an explanation and attach the output.

### Question 2:

```
'use strict';  
y = 3.14; // Assignment to undeclared variable  
console.log(y);
```

What happens when you run the above code in a JavaScript environment with strict mode enabled?

### Question 3:

```
'use strict';  
function checkThis() {  
    return this;  
}  
console.log(checkThis());
```

What does checkThis() return when executed in strict mode?

### Question 4:

```
'use strict';  
var x = 010;
```

What happens when the above code snippet is executed in strict mode?

#### Submission:

- Organize your code neatly and use meaningful variable names.
- Provide comments where necessary to explain your code.
- Include any necessary user prompts for input.
- Ensure your code runs without errors and produces the expected output.

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