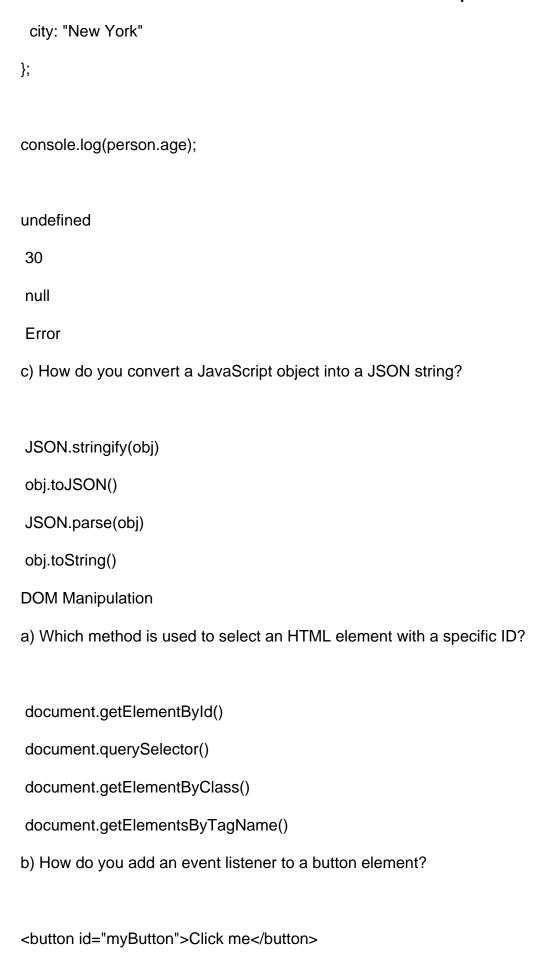
a) Which of the following is a valid way to declare a variable in JavaScript?
let $x = 5$ ;
var y = "Hello";
const z = true;
All of the above
b) What is the output of the following code?
let $x = 5$ ;
let $y = 10$ ;
console. $log(x + y)$ ;
15
50
"510"
None of the above
c) Which statement is used to stop a loop?
stop
exit
break
return
Functions and Scope
a) What is the output of the following code?
let $x = 5$ ;

```
function addFive() {
 x = x + 5;
 console.log(x);
}
addFive();
5
 10
 15
 Error
b) Which of the following is the correct way to declare a function in JavaScript?
function myFunction() { /* code */ }
let myFunction = function() { /* code */ }
const myFunction = () => { /* code */ }
All of the above
c) What is the value of x after executing the following code?
let x = 10;
function outer() {
 let x = 20;
 function inner() {
```

```
x = 30;
 }
 inner();
}
outer();
console.log(x);
10
20
30
Error
Arrays and Objects
a) How do you access the first element of an array called myArray?
myArray[0]
myArray.first
myArray.get(0)
myArray.length[0]
b) What is the output of the following code?
let person = {
 name: "John",
 age: 30,
```



```
const button = document.getElementById('myButton');
// Add event listener here

button.onclick = function() { /* code */ }

button.addEventListener('click', function() { /* code */ })

button.on('click', function() { /* code */ })

button.addEvent('click', function() { /* code */ })

c) What is the difference between event.preventDefault() and event.stopPropagation()?
```

preventDefault() stops the default behavior of an event, and stopPropagation() stops the event from bubbling up the DOM tree.

preventDefault() stops the event from bubbling up the DOM tree, and stopPropagation() stops the default behavior of an event.

They are the same function with different names.

They have no difference; they are used interchangeably.