

Q2) Explain the output of the above-given code and explain why?

```
for (var i = 0; i < 5; i++)  
{  
  setTimeout(() => console.log(i), 100)  
}
```

A) The output of the code is

5 5 5 5 5

Explanation:

This code is using a for loop to iterate from $i = 0$ to $i = 4$ with each iteration having a `setTimeout` function that logs the value of i after a delay of 100 milliseconds.