Javascript quiz (Basic Level 4)

This is a document of Javascript basic questions. Answer these to improve your knowledge. The level of questions will increase as you grow.

How to Submit Answers? (Choose any one method)
Method 1 : Make separate google docs, write answers and send the link to the group.
Method 2 : It's better if you maintain a github repository for these questions and write answers in the form of markdown files (.md) with code and then share the link to the repo. Learn how to write .md here
https://medium.com/@saumya.ranjan/how-to-write-a-readme-md-file-markdown-file-20cb7cb cd6f

(Try to answer in your own words, though you are free to use google)

Theory -
Why do we need theory questions - A program should have a clear understanding of basic concepts and how to answer any question clearly and in brief.

Write brief and accurate answers, don't over explain anything as this is not RTU, You don't have to fill pages.

1. What are anonymous functions in JavaScript?
2. Explain strict comparison and Abstract comparison in javascript?
3. Difference b/w arrow functions and regular functions?
4. What is Hoisting in JavaScript?
5. JavaScript is a garbage collected programming language, explain how?
6. Explain Shallow copy vs Deep copy in Javascript?
7. What is Object.freeze

Programs -
(Use as many built in methods as you can like sort, filter, map etc.)

Copy and paste the exact javascript program that you wrote, don't put HTML or CSS, keep javascript only.
Keep your programs clean and easy to understand.

1. Write a function that generates a random number between two ranges, -100 to 0 and 800 - 900.

```
function radomInTwoRange(min1, max1, min2, max2){
    // your implementation here -> return number
 }
Eg Numbers: -45, -99,  876, 801, -65, 834, -78, 888
```