

Screening questions | Software development Internship:

1. Given the following code snippet:

```
<style>
.flex-container {
  display: flex;
  flex-direction: column-reverse
}
</style>
<div class="flex-container">
  <div>1</div>
  <div>2</div>
  <div>3</div>
</div>
```

What will the output be?

A: 123

B: 1

2

3

C: 321

D: 3

2

1

E: None of the above

2. Given the following JavaScript snippet:

```
const person = [];
person[0] = "Bryce";
person[1] = "Mike";
person[2] = "James";
person[3] = "Daniel";
person[4] = "Charl";

console.log(person[3]);
```

What will the output be in the console?

A: Mike

B: Charl

C: Person[]

D: Bryce

E: Daniel

3. Given the following C# program:

```
using System;

namespace MyApplication
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine(GetString(1));
        }

        public static string GetString(int day)
        {
            switch (day)
            {
                case 1: return "Today is Monday";
                case 2: return "Today is Tuesday";
                case 6: return "Today is Saturday.";
                case 7: return "Today is Sunday.";
                default: return "Looking forward to the Weekend.";
            }
        }
    }
}
```

What will the output be in the console?

- A: Today is Monday
- B: Today is Tuesday
- C: Today is Saturday
- D: Today is Sunday
- E: Looking forward to the Weekend

4. Given the following C# program:

```
using System;

namespace MyApplication
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine(GetString(5));
        }

        public static string GetString(int day)
        {
            switch (day)
            {
                case 1: return "Today is Monday";
                case 2: return "Today is Tuesday";
                case 6: return "Today is Saturday.";
                case 7: return "Today is Sunday.";
                default: return "Looking forward to the Weekend.";
            }
        }
    }
}
```

What will the output be in the console?

- A: Today is Monday
- B: Today is Tuesday
- C: Today is Saturday
- D: Today is Sunday
- E: Looking forward to the Weekend

5. Given the following SQL table (Product):

Number of Records: 5

ProductID	ProductName	SupplierID	CategoryID	Unit	Price
1	Chais	1	1	10 boxes x 20 bags	18
2	Chang	1	1	24 - 12 oz bottles	19
3	Aniseed Syrup	1	2	12 - 550 ml bottles	10
4	Chef Anton's Cajun Seasoning	2	2	48 - 6 oz jars	22
5	Chef Anton's Gumbo Mix	2	2	36 boxes	21.35

What will the output be when running the following:

```
SELECT MIN(Price) AS SmallestPrice
FROM Products;
```

- A: 18
- B: 19

C: 10
D: 22
E: 21.35