

Question 1

****What will be the output of the following C# code?****

```
```csharp
int[] arr = { 1, 2, 3, 4, 5 };
Console.WriteLine(arr[2] + arr[4] * arr[1]);
```
```

****Options:****

- A. 11
- B. 10
- C. 13
- D. 15

****Answer:****

- C. 13

Question 2

****What is the output of the following code?****

```
```csharp
string s1 = "abc";
string s2 = "ABC";
Console.WriteLine(s1.CompareTo(s2));
```
```

****Options:****

- A. -1
- B. 0

C. 1

D. Exception

****Answer:****

A. -1

Question 3

****What will be the output of the following C# code?****

```
```csharp
int x = 5;
int y = x++;
Console.WriteLine(y + " " + x);
```
```

****Options:****

A. 4 5

B. 5 5

C. 5 6

D. 6 6

****Answer:****

C. 5 6

Question 4

****What is the output of the following C# code?****

```
```csharp
int a = 10;
int b = a >> 1;
Console.WriteLine(b);
```
```

****Options:****

- A. 5
- B. 10
- C. 20
- D. 0

****Answer:****

- A. 5

Question 5

****What will be the output of the following C# code?****

```
```csharp
int a = 10;
int b = 20;
Console.WriteLine((a < b) ? "True" : "False");
```
```

****Options:****

- A. True
- B. False
- C. Error
- D. 0

****Answer:****

A. True

Question 6

****What will the following C# code output?****

```
```csharp
int[] arr = { 2, 4, 6, 8, 10 };
Console.WriteLine(arr.Length);
```
```

****Options:****

- A. 5
- B. 4
- C. 6
- D. 10

****Answer:****

A. 5

Question 7

****What is the output of the following code?****

```
```csharp
int[] numbers = { 1, 2, 3, 4, 5 };
int result = numbers[0];
```

```
for (int i = 1; i < numbers.Length; i++)
{
 result *= numbers[i];
}
Console.WriteLine(result);
...
```

**\*\*Options:\*\***

- A. 120
- B. 15
- C. 24
- D. 1

**\*\*Answer:\*\***

- A. 120

---

### ### Question 8

**\*\*What will be the output of the following C# code?\*\***

```
```csharp  
int x = 3, y = 2, z = 5;  
int result = x + y * z;  
Console.WriteLine(result);  
...
```

****Options:****

- A. 25
- B. 13
- C. 17

D. 16

****Answer:****

B. 13

Question 9

****What will be the output of the following C# code?****

```
```csharp
int a = 5;
int b = ++a;
Console.WriteLine(a + " " + b);
```
```

****Options:****

A. 5 5

B. 6 6

C. 6 5

D. 5 6

****Answer:****

B. 6 6

Question 10

****What is the output of the following code?****

```
```csharp
```

```
string str = "Hello";
Console.WriteLine(str.IndexOf('o'));
...
```

**\*\*Options:\*\***

- A. 4
- B. 5
- C. -1
- D. 0

**\*\*Answer:\*\***

- A. 4

---

### ### Question 11

**\*\*What will the following C# code output?\*\***

```
```csharp  
int a = 15;  
int b = 10;  
int c = a % b;  
Console.WriteLine(c);  
...
```

****Options:****

- A. 1
- B. 5
- C. 10
- D. 0

****Answer:****

B. 5

Question 12

****What will be the output of the following C# code?****

```
```csharp
int[] arr = { 2, 4, 6, 8 };
Array.Reverse(arr);
Console.WriteLine(arr[0]);
```
```

****Options:****

A. 8

B. 2

C. 6

D. 4

****Answer:****

A. 8

Question 13

****What will be the output of the following C# code?****

```
```csharp
int x = 3, y = 3;
Console.WriteLine(x == y);
```
```


...

****Options:****

- A. True
- B. False
- C. 0
- D. 1

****Answer:****

- A. True

Question 14

****What is the output of the following C# code?****

```
```csharp
string s1 = "apple";
string s2 = "APPLE";
Console.WriteLine(String.Compare(s1, s2, true));
```
```

****Options:****

- A. -1
- B. 0
- C. 1
- D. Exception

****Answer:****

- B. 0

Question 15

****What will the following C# code output?****

```
```csharp
int a = 10, b = 20;
int c = a | b;
Console.WriteLine(c);
```
```

****Options:****

- A. 10
- B. 20
- C. 30
- D. 31

****Answer:****

- D. 31

Question 16

****What will be the output of the following C# code?****

```
```csharp
int a = 3;
int b = 5;
int c = a + b - a * b / a;
Console.WriteLine(c);
```
```

****Options:****

A. 3

B. 5

C. 6

D. 2

****Answer:****

C. 6

Question 17

****What will be the output of the following C# code?****

```
```csharp
```

```
int a = 1, b = 2, c = 3;
```

```
int d = a + b * c;
```

```
Console.WriteLine(d);
```

```
```
```

****Options:****

A. 5

B. 9

C. 7

D. 8

****Answer:****

B. 7

Question 18

****What is the output of the following code?****

```
```csharp
int a = 10;
int b = 20;
Console.WriteLine((a > b) ? "Greater" : "Lesser");
```
```

****Options:****

- A. Greater
- B. Lesser
- C. Error
- D. 0

****Answer:****

B. Lesser

Question 19

****What will the following C# code output?****

```
```csharp
int a = 2, b = 3, c = 4;
int d = (a * b) + c;
Console.WriteLine(d);
```
```

****Options:****

- A. 10
- B. 14
- C. 12
- D. 8

****Answer:****

- A. 10

Question 20

****What is the output of the following code?****

```
```csharp
int x = 10;
int y = 2;
int z = x / y;
Console.WriteLine(z);
```
```

****Options:****

- A. 5
- B. 10
- C. 2
- D. 0

****Answer:****

- A. 5

Question 21

****What will the following C# code output?****

```
```csharp
int[] arr = { 5, 10, 15 };
Array.Sort(arr);
Console.WriteLine(arr[0]);
```
```

****Options:****

- A. 5
- B. 10
- C. 15
- D. 0

****Answer:****

A. 5

Question 22

****What is the output of the following code?****

```
```csharp
int x = 1, y = 2;
int z = x & y;
Console.WriteLine(z);
```
```

****Options:****

A. 0

B. 1

C. 2

D. 3

****Answer:****

A. 0

Question 23

****What will be the output of the following C# code?****

```
```csharp
```

```
int a = 5;
```

```
int b = a++ + ++a;
```

```
Console.WriteLine(b);
```

```
```
```

****Options:****

A. 11

B. 10

C. 9

D. 7

****Answer:****

A. 11

Question 24

****What will be the output of the following C# code?****

```
```csharp
int a = 1;
int b = 2;
int c = a + b - 1;
Console.WriteLine(c);
```
```

****Options:****

- A. 1
- B. 2
- C. 3
- D. 0

****Answer:****

B.

2

Question 25

****What is the output of the following code?****

```
```csharp
string s = "C#";
s += "Programming";
Console.WriteLine(s);
```
```

****Options:****

- A. C# Programming
- B. C#Programming
- C. Programming C#
- D. Error

****Answer:****

- B. C#Programming

Question 26

****What will the following C# code output?****

```
```csharp
int[] arr = { 5, 10, 15, 20 };
Array.Clear(arr, 0, 2);
Console.WriteLine(arr[0] + arr[1]);
```
```

****Options:****

- A. 0
- B. 10
- C. 20
- D. 30

****Answer:****

- A. 0

Question 27

****What will be the output of the following C# code?****

```
```csharp
int a = 5, b = 10;
int c = a + b / 2;
Console.WriteLine(c);
```
```

****Options:****

- A. 10
- B. 7
- C. 15
- D. 5

****Answer:****

- A. 10

Question 28

****What is the output of the following code?****

```
```csharp
int a = 1, b = 1;
a += b += a;
Console.WriteLine(a + " " + b);
```
```

****Options:****

- A. 2 1
- B. 2 2

C. 3 2

D. 3 3

****Answer:****

C. 3 2

Question 29

****What will the following C# code output?****

```
```csharp
```

```
int a = 8;
```

```
int b = 4;
```

```
int c = a / b * a;
```

```
Console.WriteLine(c);
```

```
```
```

****Options:****

A. 2

B. 8

C. 16

D. 32

****Answer:****

C. 16

Question 30

****What will be the output of the following C# code?****

```
```csharp
int[] arr = { 10, 20, 30 };
int total = 0;
for (int i = 0; i < arr.Length; i++)
{
 total += arr[i];
}
Console.WriteLine(total);
```
```

****Options:****

- A. 50
- B. 60
- C. 70
- D. 40

****Answer:****

- B. 60

Question 31

****What is the output of the following code?****

```
```csharp
int x = 10;
x -= 5;
Console.WriteLine(x);
```
```

****Options:****

- A. 5
- B. 10
- C. 0
- D. -5

****Answer:****

- A. 5

Question 32

****What will the following C# code output?****

```
```csharp
int a = 5, b = 6;
Console.WriteLine(a++ + ++b);
```
```

****Options:****

- A. 10
- B. 11
- C. 12
- D. 13

****Answer:****

- D. 13

Question 33

****What is the output of the following code?****

```
```csharp
int x = 3;
Console.WriteLine(x << 2);
```
```

****Options:****

- A. 6
- B. 9
- C. 12
- D. 15

****Answer:****

- C. 12

Question 34

****What will be the output of the following C# code?****

```
```csharp
int[] arr = { 5, 10, 15, 20 };
Console.WriteLine(Array.IndexOf(arr, 15));
```
```

****Options:****

- A. 2
- B. 3
- C. 4
- D. -1

****Answer:****

A. 2

Question 35

****What will the following C# code output?****

```
```csharp
int a = 5;
int b = 10;
int c = a++ * b;
Console.WriteLine(c);
```
```

****Options:****

A. 50

B. 60

C. 40

D. 10

****Answer:****

A. 50

Question 36

****What is the output of the following code?****

```
```csharp
```

```
int x = 7, y = 3;
int z = x % y;
Console.WriteLine(z);
...
```

**\*\*Options:\*\***

- A. 1
- B. 2
- C. 3
- D. 4

**\*\*Answer:\*\***

B. 1

---

### ### Question 37

**\*\*What will the following C# code output?\*\***

```
```csharp  
int a = 3, b = 4;  
int c = a * ++b;  
Console.WriteLine(c);  
...
```

****Options:****

- A. 12
- B. 15
- C. 16
- D. 20

****Answer:****

C. 15

Question 38

****What is the output of the following code?****

```
```csharp
int x = 10;
int y = x++ + x--;
Console.WriteLine(y);
```
```

****Options:****

A. 20

B. 19

C. 21

D. 18

****Answer:****

B. 20

Question 39

****What will the following C# code output?****

```
```csharp
int a = 8;
int b = 2;
```

```
int c = a / b + a;
Console.WriteLine(c);
...
```

**\*\*Options:\*\***

- A. 12
- B. 16
- C. 20
- D. 8

**\*\*Answer:\*\***

- B. 12

---

### ### Question 40

**\*\*What will be the output of the following C# code?\*\***

```
```csharp  
int[] arr = { 5, 10, 15 };  
int result = arr[2] - arr[0];  
Console.WriteLine(result);  
...
```

****Options:****

- A. 5
- B. 10
- C. 15
- D. 20

****Answer:****

B. 10

Question 41

****What is the output of the following code?****

```
```csharp
int a = 1;
a += 2;
a *= 3;
Console.WriteLine(a);
```
```

****Options:****

A. 3

B. 9

C. 6

D. 7

****Answer:****

B. 9

Question 42

****What will the following C# code output?****

```
```csharp
int x = 5, y = 10;
int z = x * y + x;
```

```
Console.WriteLine(z);
```

```
...
```

**\*\*Options:\*\***

A. 50

B. 60

C. 55

D. 45

**\*\*Answer:\*\***

C. 55

```

```

### ### Question 43

**\*\*What is the output of the following code?\*\***

```
```csharp
```

```
int x = 10, y = 3;
```

```
int z = x % y;
```

```
Console.WriteLine(z);
```

```
```
```

**\*\*Options:\*\***

A. 1

B. 2

C. 3

D. 4

**\*\*Answer:\*\***

B. 1

---

### ### Question 44

**\*\*What will be the output of the following C# code?\*\***

```
```csharp
int[] arr = { 3, 5, 7, 9 };
Console.WriteLine(arr[1] + arr[3]);
```
```

**\*\*Options:\*\***

- A. 8
- B. 10
- C. 12
- D. 14

**\*\*Answer:\*\***

- D. 14

---

### ### Question 45

**\*\*What will be the output of the following C# code?\*\***

```
```csharp
int a = 10, b = 20;
int c = a + b - 5;
Console.WriteLine(c);
```
```

**\*\*Options:\*\***

A. 20

B. 25

C. 30

D. 15

**\*\*Answer:\*\***

B. 25

---

### Question 46

**\*\*What is the output of the following code?\*\***

```
```csharp
```

```
int x = 2;
```

```
x *= 3 + 2;
```

```
Console.WriteLine(x);
```

```
```
```

**\*\*Options:\*\***

A. 10

B. 8

C. 7

D. 5

**\*\*Answer:\*\***

A. 10

---

### Question 47

**\*\*What will the following C# code output?\*\***

```
```csharp
int[] arr = { 1, 3, 5, 7 };
Console.WriteLine(arr[0] * arr[2]);
```
```

**\*\*Options:\*\***

- A. 8
- B. 15
- C. 7
- D. 5

**\*\*Answer:\*\***

- B. 5

---

### Question 48

**\*\*What is the output of the following code?\*\***

```
```csharp
int a = 10, b = 20;
Console.WriteLine(b - a);
```
```

**\*\*Options:\*\***

- A. 10
- B. 20
- C. 30

D. 0

**\*\*Answer:\*\***

A. 10

---

### Question 49

**\*\*What will the following C# code output?\*\***

```
```csharp
int x = 10;
int y = x / 2 * x;
Console.WriteLine(y);
```
```

**\*\*Options:\*\***

A. 50

B. 20

C. 30

D. 40

**\*\*Answer:**

**\*\***

A. 50

---

### Question 50

**\*\*What will be the output of the following C# code?\*\***



```
```csharp
int[] arr = { 2, 4, 6, 8 };
int result = arr[1] + arr[3];
Console.WriteLine(result);
```
```

**\*\*Options:\*\***

- A. 10
- B. 12
- C. 14
- D. 16

**\*\*Answer:\*\***

- C. 14