### 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:\*\*

B. 12