

```

namespace CSharp_A2;

public class Assignment_2 {
    public static void Main(string[] args) // Define a main method
    {
        // Declaring an array of string datatype for minimum requirement for job eligibility
        string[] arr = { "CP", "4", "2018", "Java" };

        // Display the require statement to get input from the user
        Console.WriteLine("Enter your Diploma Initial here (CP/CS): ");
        string initial = Console.ReadLine();
        Console.WriteLine("Enter your Year(s) of Experience in integer here: ");
        string yearEx = Console.ReadLine();
        Console.WriteLine("Enter your Graduate year YYYY here: ");
        string graduate = Console.ReadLine();
        Console.WriteLine("Enter your most Important skill here (Java,Python,C,C++,JavaScript): ");
        string skill = Console.ReadLine();

        // Storing all the user's inputs in another array, which will further be used in the 'for' loop
        string[] arr2 = { initial, yearEx, graduate, skill };

        // Declaring a variable whose value will further change in the 'for' loop
        var output = true;

        // iterating through the array [arr]
        for (int i = 0; i < arr.Length; i++) {
            if (arr[i] != (arr2[i]))
            {
                if (i == 1) // To check whether the value of i=1
                {
                    // Converting string to int
                    // If the 'year of experience' is greater than or equals to 4 years then the loop will continue
                    if (Convert.ToInt16(arr2[1]) >= Convert.ToInt16(arr[1]))
                    {
                        continue;
                    }
                }
                if (i == 2) // To check whether the value of i=2
                {
                    // Converting string to int
                    // If the 'graduation year' is greater than or equals to 2018 then the loop will continue
                    if (Convert.ToInt16(arr2[2]) >= Convert.ToInt16(arr[2]))
                    {
                        continue;
                    }
                }
            }
        }
    }
}

```

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        // If the value does not match then the value of variable output changes to false
        output = false;
```

```
        // break is used to exit the loop when one of the criteria is not matched
        break;
```

```
    }
```

```
    else
```

```
    {
```

```
        output = true;
```

```
    }
```

```
}
```

```
// 'for' loop ends here
```

```
if (output.Equals(true)) // If the value of output = true then the following statement will be executed
```

```
{
```

```
    Console.WriteLine("You are eligible, your interview is in 1 week!!!");
```

```
}
```

```
else if (output.Equals(false)) // If the value of output = false then the following statement will be executed
```

```
{
```

```
    Console.WriteLine("We decided to move on with other candidates");
```

```
}
```

```
else // If some error occurs then the following statement will be executed
```

```
{
```

```
    Console.WriteLine("Something went wrong!!!");
```

```
}
```

```
}
```

```
}
```