# Problem Statement:

You are an IT Support Administrator and are charged with the task of creating credentials for new hires

Your application should do the following:

1. Generate an email with the following syntax

firstNamelastName@department.company.com

1. Determine the department (Technical, Admin, Human Resource, Legal)
2. Generate a random password which will contain (number, capital letter, small letter & special character)
3. Display the generated credentials
4. Use parameterized constructor of class Employee, to pass firstName, lastName.
5. Create a separate CredentialService which will have generatePassword, generateEmailAddress, & showCredentials method.

Sample output

Text

Description automatically generated

# Rough Solution Building

## What we need :

* Console application which allows Employees to provide their Name and other details like Department.
* Then with CredentialsService generate a standard email and default auto-password for the email id.

## Entities Schema design

* Employee class with attributes Names and Department
* ENUM Department
* Credentials service to generate email id from various attributes and generate auto-password.