

```

using System;
using System.Linq;

namespace Recruitment
{
    class Program
    {
        private const int VERY_INTERESTED = 5;

        static void Main(string[] args)
        {
            var dev = new Developer();

            if(!dev.HappyAtWork)
            {
                var search = new JobSearch();

                Job job = search.FindJob(dev);

                if(job.InterestLevel(dev) > VERY_INTERESTED)
                {
                    job.Apply(dev);
                }
            }
        }
    }

    internal class TruJob : Job
    {
        internal override int InterestLevel(Developer dev)
        {
            var intrestMatch = from i in dev.Interests
                               where i == Developer.Interest.AgileDevelopment ||
                                     i == Developer.Interest.DesignPatterns ||
                                     i == Developer.Interest.TestDrivenDevelopment ||
                                     i == Developer.Interest.DotNET4 ||
                                     i == Developer.Interest.EntityFramework ||
                                     i == Developer.Interest.MVC ||
                                     i == Developer.Interest.WorkingWithLikeMindedProfessionals
                               select i;

            return intrestMatch.Count();
        }

        internal override void Apply(Developer dev)
        {
            try
            {
                var message = new System.Net.Mail.MailMessage();
                message.To.Add("recruitment@truphone.com");
                message.Subject = ".NET Developer Job";
                message.From = new System.Net.Mail.MailAddress(dev.EmailAddress);
                message.Body = "Im interested. CV Attached.";

                var attachment = new System.Net.Mail.Attachment(dev.GetLatestCV());
                message.Attachments.Add(attachment);

                var smtp = new System.Net.Mail.SmtpClient(SystemSettings.Instance.MailServer);
                smtp.Send(message);
            }
            catch (Exception)
            {
                // Todo: Print CV and put in the post
                throw;
            }
        }
    }
}

```