

## CP OEL 01

**Task No 01:** To Check whether the person is Suitable For joining Armed Forces.

**Input:**

```
using System;

namespace Abdullah_Sadiq
{
    class Program
    {
        static void Main(string[] args)
        {
            string qualifications, nationality;
            double percentage, height, age;
            Console.WriteLine("\t-Selection Center (Pakistan Armed Forces)-");
            Console.WriteLine("\nEnter Your Nationality (Press 'P' For Pakistani, 'O'
for others):");
            nationality = Console.ReadLine();
            if (nationality.Equals ("P") || nationality.Equals("p"))
            {
                Console.WriteLine("Enter Your Age: ");
                age = Convert.ToDouble(Console.ReadLine());
                if (age >= 18)
                {
                    Console.WriteLine("Enter your Qualifications (Press 'F' for Fsc):
");
                    qualifications = Console.ReadLine();
                    if (qualifications.Equals("f") || qualifications.Equals("F"))
                    {
                        Console.WriteLine("Enter Your Percentage in Fsc:");
                        percentage = Convert.ToDouble(Console.ReadLine());
                        if (percentage >= 65)
                        {
                            Console.WriteLine("Enter Your Height in cm:");
                            height = Convert.ToDouble(Console.ReadLine());
                            if (height >= 160)
                            {
                                Console.WriteLine("You are eligible to Join, Prepare
For Initial test");
                            }
                            else
                            {
                                Console.WriteLine(" Sorry! Your Height does not Match
our criteria, you Are not eligible!");
                            }
                        }
                        else
                        {
                            Console.WriteLine(" Sorry! Your Percentage does not Match
the criteria, you Are not eligible!");
                        }
                    }
                    else
                    {
                        Console.WriteLine("Sorry! Your Qualification Does not match
our Required Criteria!");
                    }
                }
            }
        }
    }
}
```

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```
        else
        {
            Console.WriteLine("Sorry! You are under Age");
        }
    }
    else if (nationality.Equals("o") || nationality.Equals("O"))
        Console.WriteLine("Sorry! Only Pakistanis can join the pakistan armed
Forces");
    else
    {
        Console.WriteLine("Invalid input!");
    }
}
}
```

### Output:

Microsoft Visual Studio Debug Console

```
-Selection Center (Pakistan Armed Forces)-
Enter Your Nationality (Press 'P' For Pakistani, 'O' for others):
p
Enter Your Age:
19
Enter your Qualifications (Press 'F' for Fsc):
f
Enter Your Percentage in Fsc:
89
Enter Your Height in cm:
166
You are eligible to Join, Prepare For Initial test
C:\Users\Spring2020\source\repos\Abdullah Sadiq\bin\Debug\netcoreapp3.1\Abdullah Sadiq.
```

**Task No 02:** To print a logo in console application with an asterisk.


### Input:

```
using System;

namespace Abdullah_Sadiq
{
    class Program
    {
        static void Main(string[] args)
        {
            string k = "*";
            Console.WriteLine("\t-Company Logo-");
            for (int i = 0; i <= 9; i += 2)
            {
                for (int j = 0; j <= i; j++)
                {
                    Console.Write("{0}", k);
                }
                Console.WriteLine("\n ");
            }
        }
    }
}
```

### Output:

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 Microsoft Visual Studio Debug Console

```
      -Company Logo-
*
***
*****
*****
*****
*****
C:\Users\Spring2020\source\repos\Abdullah Sadiq\
```