

Question 2:

Aim:

The aim of this program is to check a candidate's eligibility for a competitive exam based on their age and 10th pass percentage.

PROGRAM:

```
using System;

class Program
{
    static void Main()
    {
        // Input age and pass percentage
        Console.Write("Enter your age: ");
        int age = Convert.ToInt32(Console.ReadLine());

        Console.Write("Enter your 10th pass percentage: ");
        double percentage = Convert.ToDouble(Console.ReadLine());

        // Check eligibility
        if (age > 18 && age <= 30 && percentage >= 65)
        {
            Console.WriteLine("You are eligible to apply for the
competitive exam.");
        }
        else
        {
            Console.WriteLine("You are not eligible to apply for the
competitive exam.");
        }
    }
}
```

Input:

Enter your age: 25
Enter your 10th pass percentage: 70.5

Output:

You are eligible to apply for the competitive exam.

Main.cs	Output
<pre>1 using System; 2 3 class Program 4 { 5 static void Main() 6 { 7 // Input age and pass percentage 8 Console.Write("Enter your age: "); 9 int age = Convert.ToInt32(Console.ReadLine()); 10 11 Console.Write("Enter your 10th pass percentage: "); 12 double percentage = Convert.ToDouble(Console.ReadLine()); 13 14 // Check eligibility 15 if (age > 18 && age <= 30 && percentage >= 65) 16 { 17 Console.WriteLine("You are eligible to apply for the competitive 18 exam."); 19 } 20 else 21 { 22 Console.WriteLine("You are not eligible to apply for the competitive 23 exam."); 24 } 25 } 26 }</pre>	<pre>mono /tmp/82jpi9F63s.exe Enter your age: 25 Enter your 10th pass percentage: 70.5 You are eligible to apply for the competitive exam. === Code Execution Successful ===</pre>