using System;

class Program

{

static void Main()

{

Console.WriteLine("\*\*\*\*\*\* Welcome to AT&T Fiber Internet Billing System \*\*\*\*\*\*");

Console.Write("Enter your name: ");

string name = Console.ReadLine();

Console.Write("Select internet plan speed (300 / 500 / 1000 / 2000 / 5000 Mbps): ");

int speed = int.Parse(Console.ReadLine());

Console.Write("Would you like to add a static IP? (Y/N): ");

string addIP = Console.ReadLine().ToUpper();

double basePrice = speed switch

{

300 => 55.00,

500 => 65.00,

1000 => 80.00,

2000 => 110.00,

5000 => 180.00,

\_ => 0.00

};

double staticIPCost = (addIP == "Y") ? 15.00 : 0.00;

double subtotal = basePrice + staticIPCost;

double tax = subtotal \* 0.095;

double total = subtotal + tax;

Console.WriteLine("\n=========== AT&T FIBER BILLING SUMMARY ===========");

Console.WriteLine($"Customer Name: {name}");

Console.WriteLine($"Plan Speed: {speed} Mbps");

Console.WriteLine($"Base Price: ${basePrice:F2}");

Console.WriteLine($"Static IP: ${staticIPCost:F2}");

Console.WriteLine("--------------------------------------------");

Console.WriteLine($"Subtotal: ${subtotal:F2}");

Console.WriteLine($"Tax (9.5%): ${tax:F2}");

Console.WriteLine("--------------------------------------------");

Console.WriteLine($"Total Due: ${total:F2}");

Console.WriteLine("==================================================");

Console.WriteLine("Thank you for choosing AT&T Fiber!");

}

}