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**Year and Section: BSCS 3-B**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Queuez

{

class Program

{

static void Main(string[] args)

{

Queue<string> names = new Queue<string>();

Console.WriteLine(" ~Queue in a kiddy train!~");

Console.WriteLine(" ~The train has 5 seater only~\n");

for (int i = 1; i <= 4; i++)

{

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

string namer = Console.ReadLine();

names.Enqueue(namer);

}

Loop:

Console.Clear();

Console.WriteLine("Queue MENU");

Console.WriteLine("1. Add a rider");

Console.WriteLine("2. Remove from queue");

Console.WriteLine("3. Search in the queue");

Console.WriteLine("4. History");

Console.WriteLine("5. Exit");

Console.Write("Enter a number:");

string answer = Console.ReadLine();

switch (answer) {

case "1":

{

Console.WriteLine("\n\nAdd a name from the end of the queue");

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

string namer = Console.ReadLine();

names.Enqueue(namer);

Console.ReadKey();

goto Loop;

}

case "2":

{

Console.WriteLine("\n\nRemoved a kid from the front of the queue:");

names.Dequeue();

Console.ReadKey();

goto Loop;

}

case "3":

{

Console.WriteLine("\n\nSearch from the queue");

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

string namer = Console.ReadLine();

int count = 0;

foreach (string namez in names) {

count++;

if (namer == namez)

{

Console.WriteLine("\nWe found the name ~" + namer + "~ in " + count + " from the queue");

Console.ReadKey();

}

}

Console.WriteLine("We did not find this name");

Console.ReadKey();

goto Loop;

}

case "4":

{

Console.WriteLine("\n\nHistory of the queue");

foreach (string namez in names)

{

Console.WriteLine(namez);

}

Console.ReadKey();

goto Loop;

}

case "5":

{

Console.WriteLine("\n\nBye bye :) ");

Console.ReadKey();

break;

}

default :

{

Console.WriteLine("\n\nINVALID INPUT");

Console.ReadKey();

goto Loop;

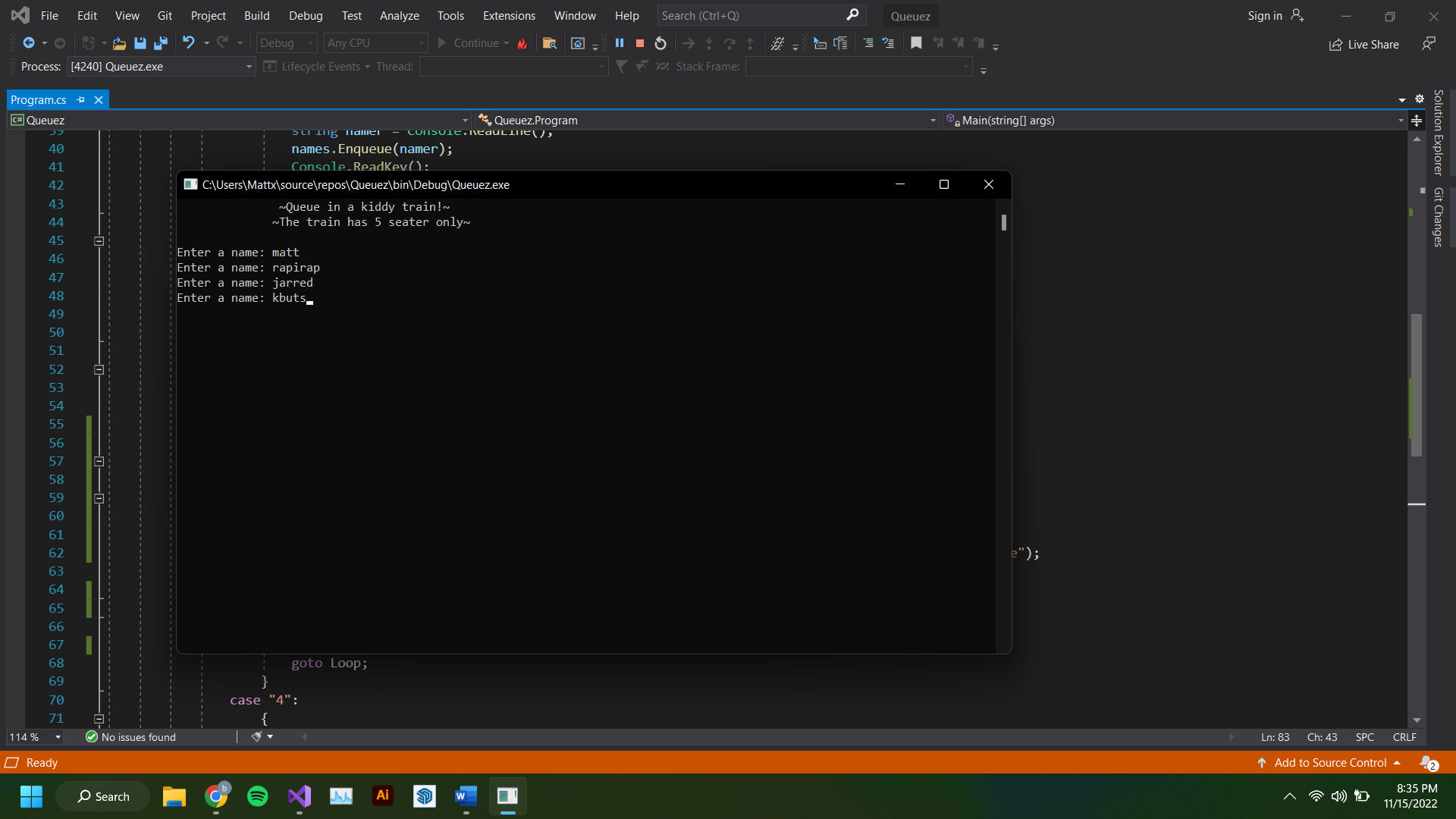
}

}

}

}

}



Graphical user interface, application

Description automatically generated

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