```
using System;

namespace ConsoleApplication1
{
   class MyException : Exception
   {
      public MyException(string message) : base(message) { }
   }

   class MenuDrivenException
   {
      public static void Main()
      {
         int opt, number1, number2;
         string name;
         int[] arr = new int[] { 10, 20, 30, 40, 50 };

         do
         {
            Console.Clear();
            Console.WriteLine("1. Divide by zero");
            Console.WriteLine("2. Array index out of range");
            Console.WriteLine("3. User defined exception");
            Console.WriteLine("4. Exit");
            Console.Write("Enter an option: ");
            opt = int.Parse(Console.ReadLine());

            try
            {
               switch (opt)
               {
                  case 1:
                     Console.WriteLine("Enter number1: ");
                     number1 = int.Parse(Console.ReadLine());
                     Console.WriteLine("Enter number2: ");
                     number2 = int.Parse(Console.ReadLine());
                     Console.WriteLine("Result: " + (number1 / number2));
                     break;

                  case 2:
                     Console.WriteLine("Array values:");
                     for (int i = 0; i <= 5; i++)
                        Console.WriteLine("arr[" + i + "] = " + arr[i]);
                     break;

                  case 3:
                     Console.WriteLine("Enter a string (max 5 characters): ");
                     name = Console.ReadLine();
                     if (name.Length > 5)
                        throw new MyException("String length must be <= 5 characters");
                     else
                        Console.WriteLine("Entered string is correct.");
                     break;

                  case 4:
```

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                    break;

                default:
                    Console.WriteLine("Invalid option.");
                    break;
            }
        }
        catch (DivideByZeroException)
        {
            Console.WriteLine("Cannot divide by zero.");
        }
        catch (IndexOutOfRangeException)
        {
            Console.WriteLine("Array index out of range.");
        }
        catch (MyException ex)
        {
            Console.WriteLine(ex.Message);
        }
        catch (Exception ex)
        {
            Console.WriteLine("Error: " + ex.Message);
        }

        Console.ReadLine();
    } while (opt != 4);

    Console.WriteLine("Program exited.");
  }
 }
}
```