DEFUSE THE BOMB!
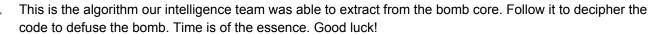
Name   Adrian Durham

Location   UK

Status   Crazy

Our CEO, **Adrian Durham**, has gone mad! He is threatening to blow up FNZ if we don't find the best talent for our future projects.

He has activated a bomb and **you are the only one who can defuse it!** Luckily a group of our best developers, analysts and testers have gathered to form an **intelligence team** to capture our rogue CEO.

They apprehended him at 0200 and he surrendered his bomb code to us.

Now we have a shot to save the company! But the code is to complex for us and **we need you to crack it**!

This is the algorithm our intelligence team was able to extract from the bomb core. Follow it to decipher the code to defuse the bomb. Time is of the essence. Good luck!

```csharp
public class BombCore
{
    public static bool Defuse(string code)
    {
        List<char> input = code.ToCharArray().ToList();

        if (!input.Any()) return false;

        var iDay = DateTime.ParseExact("28-October-1918", "dd-MMMM-yyyy", null);
        var sIDay = iDay.ToString("yyyyMMdd");

        var a = char.Parse((int.Parse(iDay.ToString(("MM"))) - 1).ToString());
        var n_a = int.Parse(a.ToString());
        if (input[0] != a)
        {
            return false;
        }
        input.RemoveAt(0);

        if (!input.Any()) return false;
        if (input[0] != char.Parse(sIDay.Substring(6, 1)))
        {
            return false;
        }
        input.RemoveAt(0);

        if (!input.Any()) return false;
        if (input[0] != char.Parse(Math.Abs(n_a - int.Parse(sIDay)).ToString().Substring(0,
    1)))
        {
            return false;
        }
        input.RemoveAt(0);

        if (!input.Any()) return false;
        if (input[0] != char.Parse((n_a / 2).ToString()))
        {
            return false;
        }
        input.RemoveAt(0);

        if (input.Any())
        {
            return false;
        }

        return true;
    }
}
```