**Credit card issuer checking**

43790% of 22969 of1,566[treffynnon](http://www.codewars.com/users/treffynnon)[1 Issue Reported](http://www.codewars.com/kata/5701e43f86306a615c001868/discuss#label-issue)

* C#
* Mono 4.2.3
  + VIM
  + EMACS

Instructions

Output

* Given a credit card number we can determine who the issuer/vendor is with a few basic knowns.

Complete the function getIssuer() that will use the values shown below to determine the card issuer for a given card number. If the number cannot be matched then the function should return the string Unknown.

| Card Type | Begins With | Number Length |

|------------|----------------------|---------------|

| AMEX | 34 or 37 | 15 |

| Discover | 6011 | 16 |

| Mastercard | 51, 52, 53, 54 or 55 | 16 |

| VISA | 4 | 13 or 16 |

Examples

getIssuer(4111111111111111) == "VISA"

getIssuer(4111111111111) == "VISA"

getIssuer(4012888888881881) == "VISA"

getIssuer(378282246310005) == "AMEX"

getIssuer(6011111111111117) == "Discover"

getIssuer(5105105105105100) == "Mastercard"

getIssuer(5105105105105106) == "Mastercard"

getIssuer(9111111111111111) == "Unknown"

<http://www.codewars.com/kata/credit-card-issuer-checking/train/csharp>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp56

{

class Program

{

public static string getIssuer(long number)

{

//Code your solution here

string s = number.ToString();

if (s.Length == 15 && (s.StartsWith("34") || s.StartsWith("37")))

{

return "AMEX";

}

else if (s.Length == 16 && s.StartsWith("6011"))

{

return "Discover";

}

else if (s.Length == 16 && (s.StartsWith("51") || s.StartsWith("52") || s.StartsWith("53") || s.StartsWith("54") || s.StartsWith("55")))

{

return "Mastercard";

}

else if ((s.Length == 13 || s.Length == 16) && s.StartsWith("4"))

{

return "VISA";

}

return "Unknown";

}

static void Main(string[] args)

{

}

}

}