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Exercise 2 - Prime Numbers

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Instructions

Prime numbers are numbers that can only be cleanly divided by themselves and 1.

https://en.wikipedia.org/wiki/Prime_number

You need to write a function that checks whether if the number passed into it is a prime number or not.

e.g. 2 is a prime number because it's only divisible by 1 and 2.

But 4 is not a prime number because you can divide it by 1, 2 or 4.



$$1 \times 2 = 2$$



$$1 \times 3 = 3$$



$$1 \times 4 = 4$$

Here are the numbers up to 100, prime numbers are highlighted in yellow:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Example Input 1

```
73
```

Example Output 1

```
It's a prime number.
```

Example Input 2

```
75
```

Example Output 2

```
It's not a prime number.
```

Hint

1. Remember the modulus:

<https://stackoverflow.com/questions/4432208/what-is-the-result-of-in-python>

Make sure you name your function/parameters the same as when it's called on the last line of code.

Use the same wording as the Example Outputs to make sure the tests pass.

Test Your Code

Check your code is doing what it is supposed to. When you're happy with your code, click submit to check your solution.

Solution

<https://repl.it/@appbrewery/day-8-2-solution>

OPEN ASSIGNMENT WORKSPACE