Sample Output

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A program to check if a number is prime.
Return True if it is, False otherwise.
Also compares which function is the fastest.

Enter a number for evaluation: 9999999
------------------------------------------------------------------------
9,999,999 is False
In a list of all prime numbers less than 10,000:
The first ten are: [2, 3, 5, 7, 11, 13, 17, 19, 23, 29]
The last ten are: [9887, 9901, 9907, 9923, 9929, 9931, 9941, 9949, 9967, 9973]
Function A: time taken = 0.028 seconds.
------------------------------------------------------------------------
9,999,999 is False
In a list of all prime numbers less than 10,000:
The first ten are: [2, 3, 5, 7, 11, 13, 17, 19, 23, 29]
The last ten are: [9887, 9901, 9907, 9923, 9929, 9931, 9941, 9949, 9967, 9973]
Function B: time taken = 0.6074 seconds.
------------------------------------------------------------------------
9,999,999 is False
In a list of all prime numbers less than 10,000:
The first ten are: [2, 3, 5, 7, 11, 13, 17, 19, 23, 29]
The last ten are: [9887, 9901, 9907, 9923, 9929, 9931, 9941, 9949, 9967, 9973]
Function C: time taken = 7.2864 seconds.
```