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This is a python project for how to find the first 100 prime number and use how many time

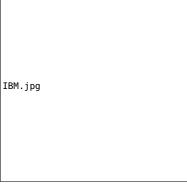


Figure 1: This is a margin figure. Here is where you put the caption for your margin figure.

I am doing the code with "if" conditional.

REPRESENTING PYTHON CODE IN YOUR ASSIGNMENT

```
import time

start=time.time()

a=[]
num=2

while len(a)<100:
    prime=True
    for x in range(len(a)):
        if num%a[x]==0:
            prime=False
    if prime:
        a.append(num)
    num=num+1

print a

end = time.time()

print (end - start)</pre>
```

First, I set the a to represent any numbers. Secondly, I set b as a final answer. Then I set a range for m and start it from 2 and ends at a. After that, I set a "if" formula, in order to get if it is prime or not. Finally, I can know the the number is prime or not.

[2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101, 103, 107, 109, 113, 127, 131, 137, 139, 149, 151, 157, 163, 167, 173, 179, 181, 191, 193, 197, 199, 211, 223, 227, 229, 233, 239, 241, 251, 257, 263, 269, 271, 277, 281, 283, 293, 307, 311, 313, 317, 331, 337, 347, 349, 353, 359, 367, 373, 379, 383, 389, 397, 401, 409, 419, 421, 431, 433, 439, 443, 449, 457, 461, 463, 467, 479, 487, 491, 499, 503, 509, 521, 523, 541]

This indicates the output of this program.