

```
1  #!/usr/bin/env/python3
2
3  def prime(number):
4      factor = 2
5      while factor <= int(number**0.5):
6          if number%factor == 0:
7              print("ring")
8              return
9          else:
10             factor += 1
11     print("field")
12     return
13
14
15 if __name__ == "__main__":
16     n = input("Enter an integer smaller than 50:")
17     prime(int(n))
18     # for i in range(2, 51):
19     #     print(i)
20     #     prime(i)
21
```