

```
def prime(n,i=2):
    if n==i:
        return True
    elif n%i==0:
        return False
    else:
        return prime(n,i+1)
n=int(input("enyer the number"))
if prime(n):
    print("prime number")
else:
    print("not a prime number")
```

```
C:\Users\kativ\PycharmProjects\pythonProject2\venv\Scripts\python.exe "C:/Users/kativ/AppData/Roaming/JetBrains/PyCharmCE2022.1/scratches/p
enyer the number178
not a prime number

Process finished with exit code 0
```