

#這是一個小於10萬所有質數的列表程式 附註：編碼用8bit

```
t1=Time.now
```

```
a=2
```

```
prime1=[2]
```

```
while a < 100000
```

```
  del = 0
```

```
  prime1.each{|ele|
```

```
    if a%ele==0
```

```
      del=1
```

```
    end
```

```
    if ele >=Math.sqrt(a)
```

```
      break
```

```
    end
```

```
  }
```

```
  if del==0
```

```
    prime1 << a
```

```
  end
```

```
a=a+1
```

```
end
```

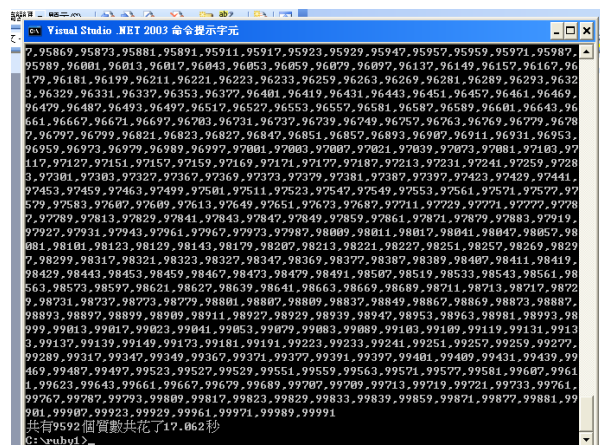
```
t2=Time.now
```

```
t=t2-t1
```

```
puts prime1.join(", ")
```

```
print "共有",prime1.size,"個質數"
```

```
print "共花了",t,"秒"
```



```
Visual Studio .NET 2003 命令提示字元
7, 95869, 95873, 95881, 95891, 95911, 95917, 95923, 95929, 95947, 95957, 95959, 95971, 95987,
95989, 96001, 96013, 96017, 96043, 96053, 96059, 96079, 96097, 96137, 96149, 96157, 96167, 96
179, 96181, 96199, 96211, 96221, 96223, 96233, 96259, 96263, 96269, 96281, 96289, 96293, 9632
9, 96329, 96331, 96337, 96353, 96377, 96401, 96419, 96431, 96443, 96451, 96457, 96461, 96469,
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901, 99907, 99923, 99929, 99951, 99971, 99989, 99991
共有9592個質數共花了17.062秒
C:\Ruby1_
```