

File Edit Format Run Options Window Help

```
p=int(input("Enter no of processors:"))
ct=[]
for i in range(0,p):
    cpi=float(input("Enter the cycles per instruction:"))
    cr=float(input("Enter the clock rate n GHz:"))
    a=1000*cpi/cr
    ct.append(a)
print("The processor has lowest EXecution time :",min(ct))
```

IDLE Shell 3.11.1

File Edit Shell Debug Options Window Help

Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:58:39) [MSC v.1934 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>

===== RESTART: C:/Users/rojit/Documents/CPU performance.py =====

Enter no of processors:3

Enter the cycles per instruction:1.5

Enter the clock rate n GHz:5

Enter the cycles per instruction:1

Enter the clock rate n GHz:2.2

Enter the cycles per instruction:2

Enter the clock rate n GHz:4

The processor has lowest EXecution time : 300.0

>>>

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