

SIR ISSAC NEWTON COLLEGE OF ENGINEERING AND TECHNOLOGY
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PROGRAM

```
import random
temperature=random.randint(1,100)
humidity=random.randint(1,100)
print("current temperature",temperature)
print("curr humidity",humidity)
if(temperature>=50 and humidity<35):
    print("Alarm On")
else:
    print("Alarm Off")
```

output:

```
IDLE Shell 3.9.7
File Edit Shell Debug Options Window Help
Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Admin/AppData/Local/Programs/Python/Python39/a.py =====
current temperature 89
curr humidity 10
Alarm On
>>>
===== RESTART: C:/Users/Admin/AppData/Local/Programs/Python/Python39/a.py =====
current temperature 4
curr humidity 72
Alarm Off
>>> |
```