BUILD A PYTHON CODE , ASSUME YOU GET A TEMPERATURE AND HUMIDITY VALUES GENERATED WITH RANDOM FUNCTION TO A VARIABLE AND WRITE A CONDITION TO CONTINUOUSLY DETECT ALARM IN CASE OF HIGH TEMPERATURE.

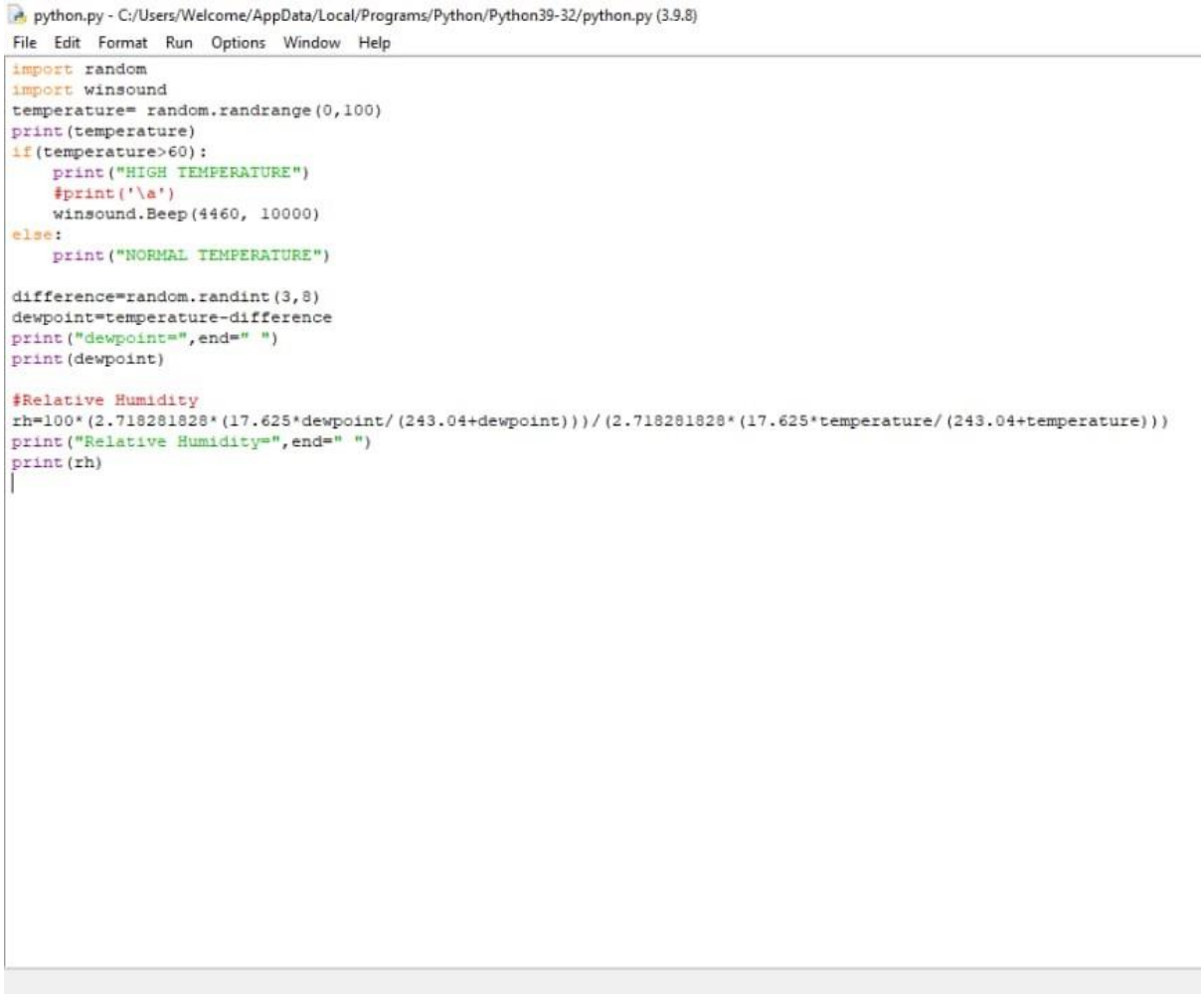
Program

```
import random
import winsound
temperature= random.randrange(0,100)
print(temperature)
if(temperature>60):
   print("HIGH TEMPERATURE")
   #print('\a')
   winsound.Beep(4460, 10000)
else:
   print("NORMAL TEMPERATURE")

difference=random.randint(3,8)
dewpoint=temperature-difference
print("dewpoint=",end=" ")
print(dewpoint)

#Relative Humidity
rh=100*(2.718281828*(17.625*dewpoint/(243.04+dewpoint)))/(2.718281828
*(17.625*temperature/(243.04+temperature)))
print("Relative Humidity=",end=" ")
print(rh)
```

OUTPUT



Vedio link:

https://drive.google.com/file/d/1zeKJFT0QxJqeyL1WVDVsLgOnR_9lpZI-/view?usp=sharing