Assignment -2

Assignment Date	19 September 2022
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Question-1:

Build a python code, assume you get temperature and humidity value (Generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Python Code:

import random

while(True):

  a=random.randint(10,99);

  b=random.randint(10,99);
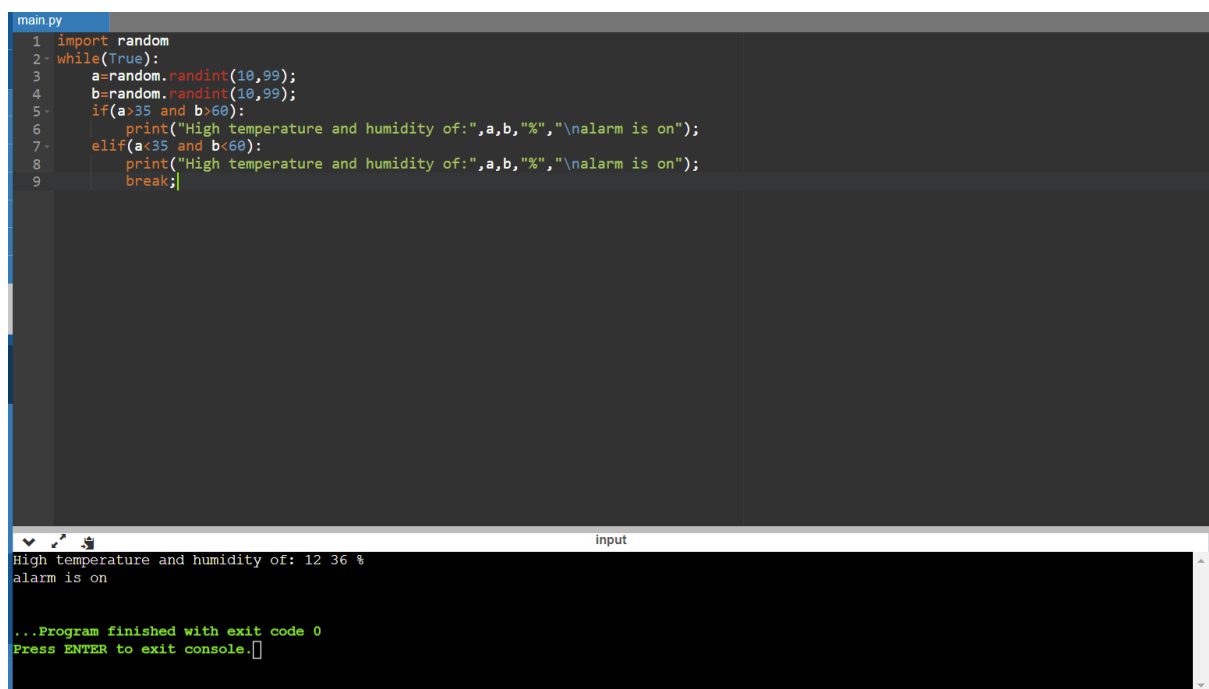
  if(a>35 and b>60):

    print("High temperature and humidity of:",a,b,"%","\nalarm is on");

  elif(a<35 and b<60):

    print("High temperature and humidity of:",a,b,"%","\nalarm is on");

    break;

```
main.py
1  import random
2  while(True):
3      a=random.randint(10,99);
4      b=random.randint(10,99);
5      if(a>35 and b>60):
6          print("High temperature and humidity of:",a,b,"%","\nalarm is on");
7      elif(a<35 and b<60):
8          print("High temperature and humidity of:",a,b,"%","\nalarm is on");
9          break;
```

```
                                          input
High temperature and humidity of: 12 36 %
alarm is on


...Program finished with exit code 0
Press ENTER to exit console.
```