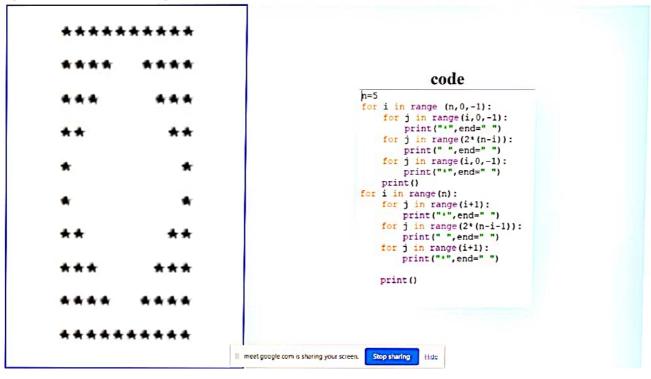Q1-Find the output of the following program

```
#include<iostream.h>
struct Package
{
int Length,Breadth,Height;
};
void Occupies(Package M)
{
cout<<M.Length<<"x" <<M.Breadth<<"x";
cout<<M.Height<endl;
}
void main()
{
Package P1={100,150,50},P2,P3;
++P1.Length;
Occupies(P1);
P3=P1;
++P3.Breadth;
P3.Breadth++;
Occupies(P3);
P2=P3;
P2.Breadth+=50;
P2.Height--;
Occupies(P2);
}
```

Output

101x150x50

101x152x50

101x202x49

Q2-Write an algorithm code for the below pattern

code

```
n=5
for i in range (n,0,-1):
    for j in range(i,0,-1):
        print("*",end=" ")
    for j in range(2*(n-i)):
        print(" ",end=" ")
    for j in range(i,0,-1):
        print("*",end=" ")
    print()
for i in range(n):
    for j in range(i+1):
        print("*",end=" ")
    for j in range(2*(n-i-1)):
        print(" ",end=" ")
    for j in range(i+1):
        print("*",end=" ")

    print()
```

Q3-Select a website of your own choice and try to modify its source code with your creativity and web development skills. Develop some extra features of the existing website and integrate it with the source code.

Before change

After change