







```
Q5.py - C:\Users\HP\Desktop\Q5.py (3.10.4)
File Edit Format Run Options Window Help
# OUESTION 5
sidel=round(float(input('Enter first side : ')))
side2=round(float(input('Enter second side : ')))
side3=round(float(input('Enter third side : ')))
a=side1+side2>side3
b=side2+side3>side1
c=side3+side1>side2
match a,b,c:
                               # Checking for valid triangle case
   case True, True, True:
      print('Yes')
   case (False, True | False, True | False) | (True, False, True | False) | (True, True, False) :
                                                                                 # Checking for invalid triangle case
      print('No')
IDLE Shell 3.10.4
File Edit Shell Debug Options Window Help
   Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
   Type "help", "copyright", "credits" or "license()" for more information.
   ----- RESTART: C:\Users\HP\Desktop\Q5.py -----
   Enter first side : 3
   Enter second side : 4
   Enter third side : 5
   Yes
>>>
   Enter first side : 5
   Enter second side: 7
   Enter third side: 13
   No
```

